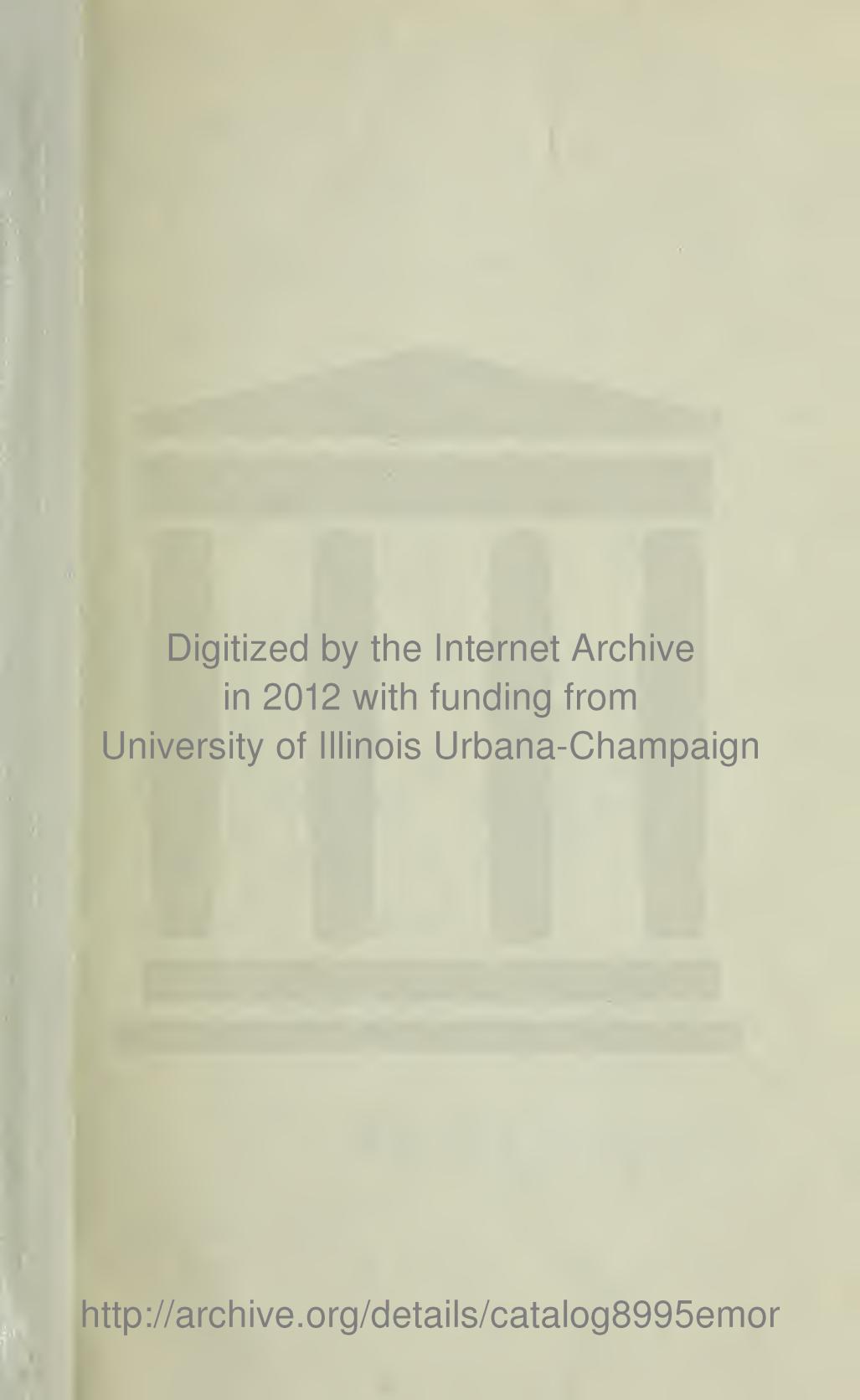


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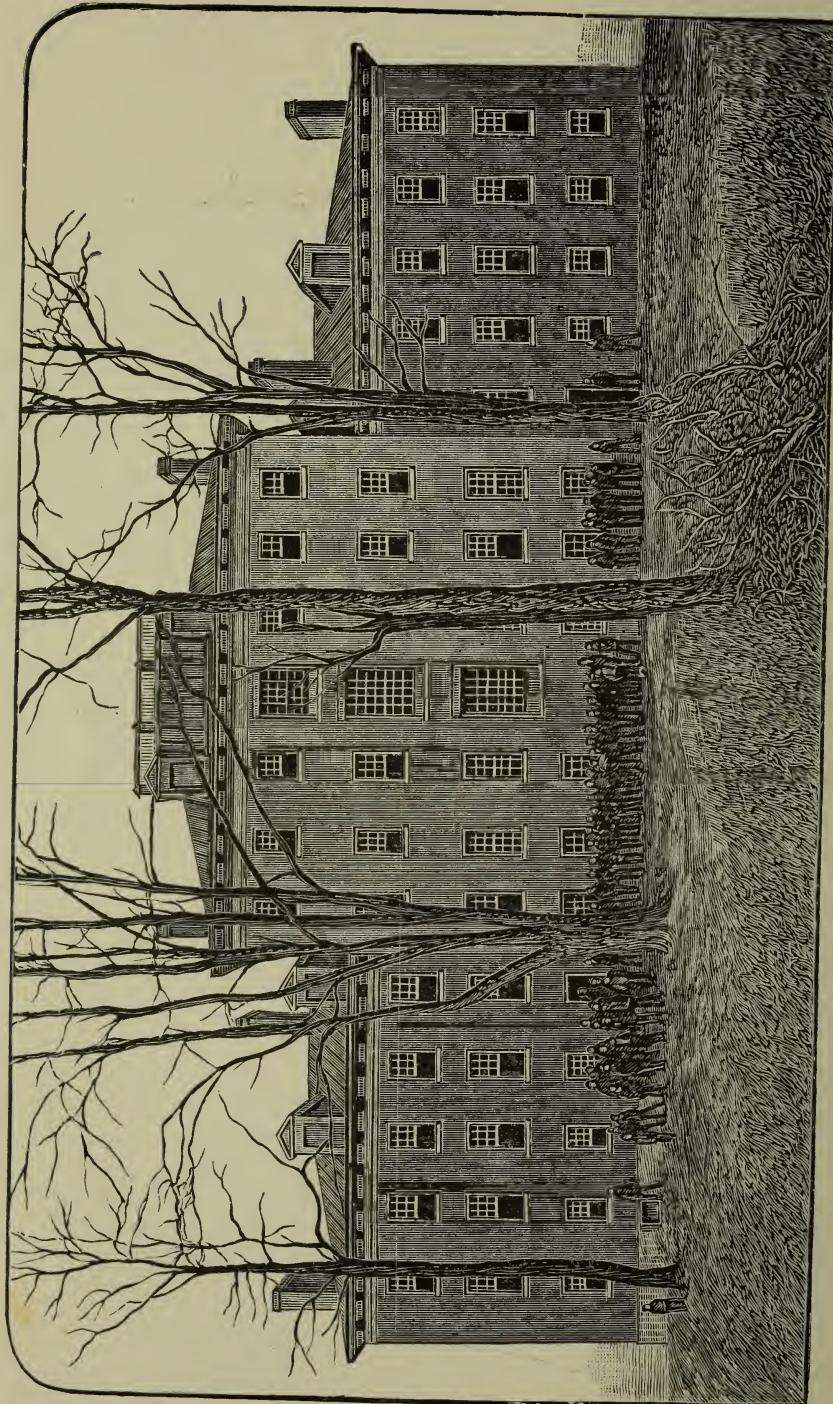
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Courses of Instruction.

1889-'90.

CINCINNATI, O.:
Elm Street Printing Co., 176 Elm Street,
1890

Calendar 1890-'91

1890.

JUNE 8, 11 A.M.—Baccalaureate Sermon, by Rev. Gross Alexander, of Vanderbilt University, Tenn.

JUNE 8, 4 P.M.—Sermon before the Y. M. C. A., by Rev. John P. McFerrin, D.D., Chattanooga, Tenn.

JUNE 9, 10 A.M.—Annual Meeting of the Board of Trustees.

JUNE 9, 8 P.M.—Contest for the Williams Medal for Declamation.

JUNE 10, 10 A.M.—Contest for the Robertson Prize Medal for Oratory.

JUNE 10, 11:30 A.M.—Annual Address before the Alumni Association, by Col. Frank E. Williams, of Nashville, Tenn.

JUNE 10, 4 P.M.—Annual Meeting of the Alumni Association.

JUNE 10, 8 P.M.—Anniversary Celebration of the Calliopean Literary Society.

JUNE 11, 10 A.M.—Commencement Day. Addresses by the Graduating Class. Conferring of Degrees and Award of Medals

JUNE 11, 11 A.M.—Annual Address before the Calliopean and Hermesian Literary Societies, by Hon. W. C. P. Breckinridge, of Lexington, Ky.

JUNE 11, 8 P.M.—Anniversary Celebration of the Hermesian Literary Society.

SEPT. 11, 9 A.M.—(Thursday) Beginning of the next Session.

NOV. 21, 7:30 P.M.—Public Debate of the Calliopean Literary Society.

1891.

JANUARY 29, —Beginning of Spring Term.

APRIL 1; 7:30 P.M.—Public Debate of the Hermesian Literary Society.

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PROF. WILLOUGHBY READE,
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ELBERT SEVIER BETTIS.....	Kansas, Tenn.
CHARLES ALBERT BROWN.....	Narrows, Va.
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HENRY WOOD FUGATE.....	Fugate's Hill, Va.
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WILLIAM OSCAR MIMS.....	Newport, Tenn.
ROBERT SAYERS.....	Wytheville, Va.
WILLIAM SPILLER SAYERS.....	" "
WALTER LAWRENCE STANLEY.....	" "

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HARDIN ALEXANDER COX.....	" "
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SANDERS ELI CHIDDIX.....	Emory, Va.
JOHN COLLINS COOK.....	Lewistown, Pa.
THOMPSON SAYERS CROCKETT.....	Wytheville, Va.
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JAMES GARNETT DAVIS.....	Independence, Va.
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WILLIAM THOMAS HAYNES.....	Estillyville, Va.
JOHN KYLE HAYNES.....	" "
JOHN BRECKENRIDGE HEMBREE.....	Rockwood, Tenn.
CHARLES HENRY STONE HUMPHREYS.....	Emory, Va.
GEORGE WILLIAM HUMPHREYS.....	" "
CHARLES RANDOLPH JONES.....	Oxford, Miss.
JOHN BEARDEN JENNINGS.....	River View, S. C.
JONAS SMITH KELLEY.....	Emory, Va.
HARVEY ROGERS KITE.....	Persia, Tenn.
JAMES MARION McCARTY.....	Long Hollow, Va.
ROBERT BUFORD McCLELLAND.....	Meadow View, Va.
JESSE LENELTON NELSON.....	Emory, Va.
FRANK CLARK PYOTT.....	" "
MALCOM G. RAMBO.....	Osceola, Va.
CHARLES NEWELL SANDERS	Foster's Falls, Va.
THOMAS STRINGFIELD.....	Waynesville, N. C.
CHARLES NEWTON VERMILLION.....	Meadow View, Va.
WILLIAM WINTON WEBB.....	Abingdon, Va.
CHARLES EMERSON WILEY.....	Saltville, Va.

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HUGH HAMILTON ATKINSON.....	Asheville, N. C.
ROCHELL KENT BLAIR.....	Monroe, N. C.
CHARLES LEE BICKLEY.....	Clinch, Va.
GEORGE WILLIAM BOYLE.....	White Gate, Va.
WILLIAM WILEY BOURNE.....	Independence, Va.
ALBERT LEROY BROWN.....	Greeneville, Tenn.
WILLIAM PIERCE BROWN.....	Tates' Hill, Tenn.
LEONARD G. COMPTON.....	Welchton, La.
CHARLES ROBERT LEE FINDLEY.....	Abingdon, Va.
THOMAS JEFFERSON HIGGINBOTHAM.....	Bluefield, W. Va.
GARLAND EARHEART HUDDLE.....	Ivanhoe, Va.
WILLIAM FLORIAN JACKSON.....	Marshall, Texas.
JAMES BASIL KEESSLING.....	Cedar Springs, Va.
GEORGE ADAM LAMBERT.....	" " "
WILLIAM WHITE NEWBERRY.....	Mechanicsburg, Va.
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WYTHE GLEAVES PORTER.....	Crockett's Depot, Va.
R. I. ROOFE.....	Childress' Store, Va.
TYLER DILLS STRADER	Bane, Va.
ROBERT LEE TAYLOR.....	Cleveland, Tenn.
THADDEUS WALTER THRASH.....	Asheville, Tenn.
EBENEZER HOWARD WITTEN.....	Tazewell C. H., Va.

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Course of Instruction

GENERAL STATEMENTS.

Applicants for admission to any of the College classes are required to give satisfactory evidence of their fitness therefor; and students, to be admitted to an advanced class in any course for graduation, will be required to make up any deficiencies in subjects which precede their point of entrance.

The importance of thorough preparation in elementary studies is urged upon all; it is greatly advantageous to every student to enter one of the regular courses for graduation, and to pursue the subjects in the prescribed order. All students must conform to the schedule of studies published herein. Students from other chartered institutions must bring certificates of honorable dismissal.

Classes meet five times a week. Forty minutes is allowed to each recitation.

COLLEGIATE COURSE.

Bachelor of Arts Degree.

FRESHMAN YEAR.

FALL TERM.

Latin.—Sallust; Grammar and Exercises.

Greek.—Xenophon; Grammar and Exercises; Geography.

Mathematics.—Geometry; Higher Algebra.

English.—Essentials of English (Whitney).

SPRING TERM.

Latin.—Virgil; Grammar and Exercises.

Greek.—Lysias; Grammar and Exercises; History.

Mathematics.—Geometry; Higher Algebra.

English.—Historical English Grammar.

SOPHOMORE YEAR.

FALL TERM.

Latin.—Cicero; Grammar and Exercises.

Greek.—Plato; Grammar and Exercises; Antiquities.

Mathematics.—Plane and Spherical Trigonometry.

English.—History of Literature; Prose Selections.

SPRING TERM.

Latin.—Horace; Grammar and Exercises.

Greek.—Homer; Grammar and Exercises; Mythology.

Mathematics.—Surveying.

English.—History of Literature; Shakespeare.

JUNIOR YEAR.

FALL TERM.

Latin.—Livy; Grammar and Exercises; Literature.

Greek.—Demosthenes; Grammar and Exercises; Literature.

Mathematics.—Analytic Geometry.

Natural Philosophy.

SPRING TERM.

Latin.—Horace; Grammar and Exercises; Metre.

Greek.—Sophocles; Moods and Tenses, Exercises; Literature.

Political Economy.

Geology.

SENIOR YEAR.

FALL TERM.

Rhetoric.
General Chemistry.
Intellectual Philosophy.
Biblical Literature.

SPRING TERM.

Moral Philosophy and Logic.
General Chemistry.
Astronomy.
Evidences of Christianity.

Bachelor of Science Degree.

FRESHMAN YEAR.

FALL TERM.

Mathematics.—Geometry and Higher Algebra.
English.—Essentials of English (Whitney).
French.—Prose Writers ; Grammar.
Physical Geography.

SPRING TERM.

Mathematics.—Geometry and Higher Algebra.
English.—Historical English Grammar.
French.—Poets ; Grammar and Literature.
Botany.

SOPHOMORE YEAR.

FALL TERM.

Mathematics.—Plane and Spherical Trigonometry.
English.—History of Literature ; Prose Selections.
German.—Otto's Grammar.
Physiology, Anatomy and Hygiene.

SPRING TERM.

Mathematics.—Surveying.

English.—History of Literature; Shakespeare.

German.—Otto's Grammar and Brandt's Reader.

Zoölogy.

JUNIOR YEAR.

FALL TERM.

Mathematics.—Analytic Geometry.

English.—Rhetoric.

German.—Schiller; Grammar and Exercises.

Natural Philosophy.

SPRING TERM.

Mathematics.—Differential and Integral Calculus.

German.—Goethe; Grammar and Exercises; Literature.

Political Economy.

Natural Philosophy.

SENIOR YEAR.

FALL TERM.

General Chemistry.

Mineralogy.

Analytical Chemistry.

Biblical Literature.

SPRING TERM.

General Chemistry.

Geology.

Analytical Chemistry.

Astronomy.

NOTE.—The B. A. Course in Latin may be substituted for French and German, as a requirement for the B. S. Degree.

The four years in French and German (see Preparatory Department) may be substituted for the Greek of the B. A. Course.

The course in History assigned to the respective classes is explained in detail on another page.

In addition to the above studies, weekly exercises are required of all students in Composition and Elocution, except the members of the Senior Class, and these are required to deliver original orations in the Chapel before the Faculty and students.



The Departments and Methods.

Mental and Moral Science.

PRESIDENT ATKINS.

The plan adopted in this Department is a discreet combination of the recitation and the lecture. Pupils are required to make careful preparation upon the texts assigned for daily work. The subject-matter of the recitation is made the basis of the lecture, which contemplates the double purpose of inspiring original thought and of leading the pupil into the wider literature of the subject in hand. With a just recognition of the materialistic and even metallic tendencies of the day, one of the prime objects of the teacher is to inspire a love of these noble sciences, and thereby to exalt the love of intellectual and spiritual life in the pupils.

Text-books.—Moral Science: Hopkins' Law of Love and Love as a Law, and Gregory's Christian Ethics.

Mental Science: Porter's Intellectual Science.

The class in Political Economy is thoroughly instructed in the fundamental principles of the science. After that, special attention is given to the vexed questions pertaining to Capital and Labor, the Tariff, and the Currency. The student is encouraged to investigate for himself, and in order to induce study and thought, subjects are assigned for discussion by members of the class.

Perry's text is used as the basis of class-work.

English.

PROFESSORS LONGLEY AND MILES.

The Department of English Language and Literature has been very much strengthened in the College Course.

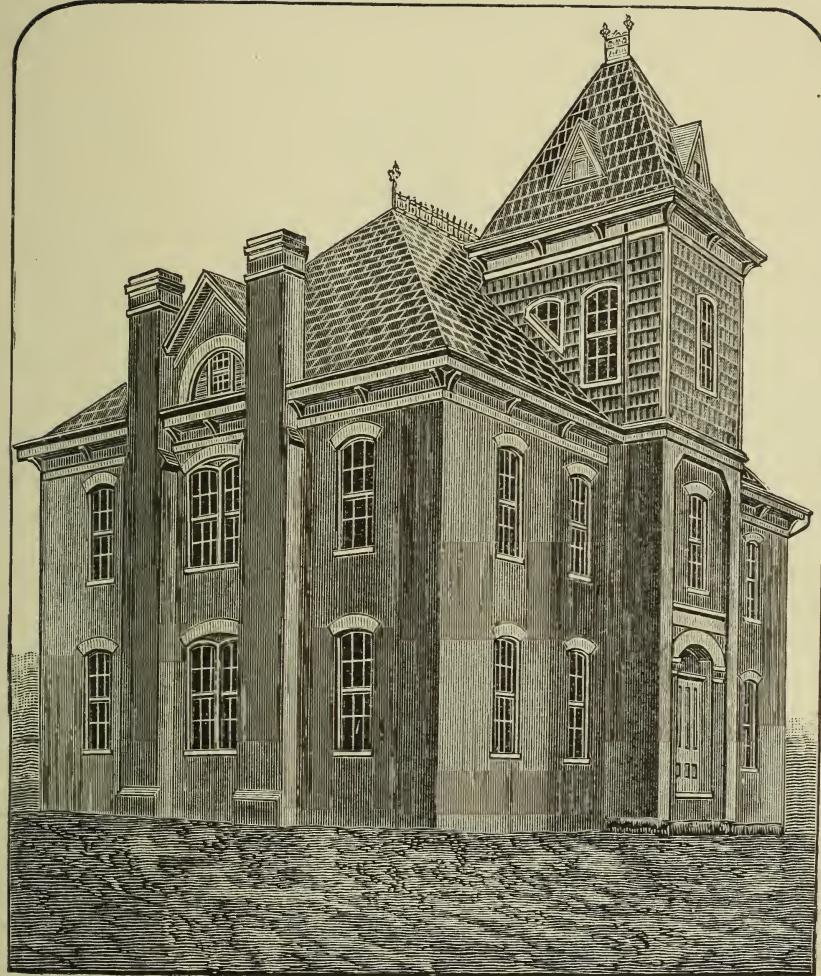
English Grammar is taught in the Preparatory Department, explaining thoroughly the parts of speech and the elementary laws of syntax, giving daily practice in the use of words and the construction of sentences. To teach the beginner a clear, pure style in the expression of his thoughts is the constant aim.

In the Freshman year is taught Whitney's Essentials of English. This directs the student's attention to the higher syntax of the language, to an analysis of the forms, and has been found to be a very valuable text-book to form the basis of a series of lectures on the history of the language.

In the Sophomore year two terms are given to the history of the Literature, beginning with a brief history and ending with the large work of M. Taine. Experience has proven the inspiring influence of the latter work. Along with these texts, selections from the best authors will be read and studied in class, especially the plays of Shakespeare, Bacon's Essays and Burke's Speeches.

In the Junior year attention is given to learning the elements of style, the use and abuse of figures of speech, the principal kinds of versification. Original exercises are given to the class, and the principles of criticism are applied to the work of each individual. Bain's Rhetoric is the text-book.

All the members of the Senior Class are required to write, and deliver in the presence of the Faculty and students, four orations during the year, which are taken into



WM. MORROW SCIENCE HALL.

inquired into in a short lecture by the teacher. By this method the student is taught how to read history, when to read it, and for what.

Latin.

PROFESSOR BISHOP.

In the short period of time which American students generally allot themselves in which to "master" the classics, it is well nigh impossible to get more than tolerably well grounded in the language itself—quite unwise and unworthy of the aim of any scholar to allow his classes to dip into the many other studies, however enticing they be themselves, into which *philology* blends itself. We, therefore, attempt in Latin nothing more than a thorough knowledge of the principles of the *language itself*, coupled with such drilling in the metre and in the history of the literature as seem necessary to a more intelligent understanding of the texts read. With a view to the attainment of these aims we insist on two things: (a) Constant study of the *grammar*; (b) Constant practice in *reading and writing* Latin. To this end a lesson is assigned in some part of the grammar for *each recitation*, to be accompanied by an exercise in *reading* or *writing* Latin. In the lower classes two written exercises (partly original) are required weekly; in the higher class one exercise only, but of greater length than those in the lower classes.

While the forms are kept in view throughout the whole course, the Freshman Class are required to devote their attention more especially to these, without an *accurate* knowledge of which no degree of scholarship is possible. The syntax and metra become more prominent in the Sophomore Class. In the Junior Class, syntax, metra, formation and use of words, and the history of the literature, are touched upon. We attempt to learn the metra

by degrees, each College class being required to read selections from one *poet* each year. Nor do we think it well to read the same authors in the respective classes, our object being to adapt the course, as far as possible, to the individual needs of each class. After being drilled thoroughly in the Preparatory Course—I. McCabe's Bingham's Grammar, with constant practice in writing exercises; II. The Grammar, Cæsar and Exercises—the student enters the *Freshman Class*. The authors here read are generally Sallust, Virgil, Ovid, Cicero perhaps, or some other author of suitable difficulty. From here on, all classes use Gildersleeve's Grammar and (more or less) Gildersleeve's Exercise Book. The *Sophomore Class* reads principally Cicero, with some easier selections from Horace, original exercises in the identification of metra, and in translating English into Latin. The Junior Class takes up Livy at first; this is followed by Horace, Cicero, or Seneca perhaps. The exercises in the identification of metra are here continued or omitted at the discretion of the professor. This class also takes up Bender's History of the Roman Literature. In the beginning of the year suggestions, in the form of lectures, are offered by the professor on the nature and development of different branches of the literature (*e. g.*, Drama, Satire, Elegy, History, Oratory, etc.), and some of the points of interest in the inflection of Archaic Latin are touched upon, with exercises in the reading and translation of some of the older monuments of the language into Ciceronian Latin. These subjects, however, are all made subordinate to the regular and thorough drill in the writing of the weekly exercises. Especial attention is drawn to the studies in Horace, the professor having made a specialty of Horace in Europe. A class in post-graduate Latin will be formed whenever there is sufficient demand for the same. Here the Comedies of Plautus

and Terence, Lucretius' *De Rerum Natura*, Propertius and such other authors as are especially instructive, either by reason of the language or the subject matter, are made subjects of especial study.

Text-books for reference: *Peters' Syllabus and Case Notes*.

The Professor of Latin will also give instruction in Vedic and Sanskrit, if desired.

Greek.

PROF. MILES.

The aim of this Department is to introduce the student to the study of the Greek Classics. To this end, passages from Greek authors are assigned daily, to be translated in class, and, throughout the course, there are daily drills on Greek Grammar; while once a week, English exercises are given the respective classes to be put into Greek. It is recognized from the beginning to the close of the course, that a knowledge of the language should be the aim of College work; yet, at the same time, there are short courses suited to each class, in Greek History, Geography, Antiquities, Mythology and Literature. There are recitations and lectures on these subjects once a week. It is also proper to state that, along with the constant and rigid drill on the Text, Grammar and Exercises, the polish and flexibility of expression, the euphony and adaptability of the parts of the sentence, the wonderful taste, the rare pruning of ideas, the interblending of the so-called particles, the nimbleness of thought, the rhythmical roll, so characteristic of the Greek Language and Literature, are not lost sight of, but the minds of the students are constantly directed to these things, and it is sought to form their literary taste and style upon this choice model.

The authors selected to be read in this Department are

Xenophon, Lysias, Plato, Homer, Demosthenes and Sophocles, representing the historical, oratorical, philosophical, epic and dramatic vocabularies and styles of composition.

A knowledge of the forms, such as declension of nouns, conjugation of verbs, and the like, as given in Harkness' First Greek Book, and one Book of Xenophon's *Anabasis*, are required for admission into the College Course.

I. In the *Freshman* year, during the Fall Term, the Second Book of Xenophon's *Anabasis* is read ; and in the Spring Term the *Select Orations of Lysias*. Along with these, during the whole year, there are daily drills on the Forms as given in Goodwin's Grammar. Twice a week English sentences are given to be put into Greek. Once a week there are lectures and recitations on the Geography and History of Greece.

II. In the *Sophomore* year, during the Fall Term, Selections from Plato are read, and in the Spring Term, Homer's *Iliad*. Along with these, there are daily drills on the Verb-forms and Syntax of the Grammar. In the Spring Term especial attention is paid to the Dialectic changes, and, occasionally, parts of Homer are assigned to be put into Attic prose. Once a week exercises for translation into Greek are given, each being a piece of idiomatic English based on a Greek author. Lectures are delivered once a week on Greek Antiquities and Mythology.

III. In the *Junior* year, during the Fall Term, some of the Orations of Demosthenes are read, and in the Spring Term, one of the Dramas of Sophocles. There is, as in the other years, constant questioning on the Grammar, but here the attention is directed chiefly to the Syntax of the Verb. There are weekly exercises selected by the professor, in translating English into Greek. Lectures are delivered once a week on Greek Metres and the History of the Literature.

The Text-books used in the above course are as follows :

1. FRESHMAN YEAR:—Xenophon's *Anabasis* (Kelsey); *Orations of Lysias*; *Goodwin's Grammar*; *Jones' Exercise Book*; *Tozer's Classical Geography*; *Kiepert's Karten zur alten Geschichte* No. 5; *Fyffe's Greek History*.

2. SOPHOMORE YEAR:—*Plato's Apologia and Crito*; *Homer's Iliad* (Seymour); *Goodwin's Grammar*; *Mahaffy's Greek Antiquities*; *Seymour's Introduction to the Language and Verse of Homer*; *Autenrieth's Homeric Dictionary*; *Gladstone's Primer of Homer*; *Liddell & Scott's Greek Lexicon* (seventh edition).

3. JUNIOR YEAR:—*Demosthenes' de Corona and Philippi*; *Sophocles' Plays*; *Goodwin's Grammar* and *Goodwin's Moods and Tenses*; *Jebb's Greek Literature*; *Liddell & Scott's Greek Lexicon* (seventh edition).

French.

PROF. MILES.

The aim of this Department is to give such a knowledge of the French language to those who complete the course, as will enable them to put, with some degree of fluency, the simple English idioms into French, and to translate, at sight, the common conversation and literary productions of the French into English. A simple parrot-like reproduction of this foreign tongue is altogether avoided, and the forms, syntax, etymologies and idioms of the language are closely studied from the start. Also the history of the language, as it was developed from the Latin, is touched upon. There are frequent readings aloud to perfect the pronunciation and to give facility of utterance. At intervals the professor reads aloud, to accustom the ear of the student to the spoken language. Weekly exercises in putting English into French are written, handed in to the professor and corrected by him, after which he calls attention to the errors in them, and puts a correct copy on the blackboard.

I. The First Year in French is taken up with acquiring

an accurate pronunciation and mastery of the grammatical forms and common laws of syntax. Easy stories in prose from modern French writers are read daily in class.

II. In the Second Year, the best French authors are read. The drill on the Grammar is kept up daily, and the pronunciation is carefully guarded. Exercises in putting English into French are prominent throughout the year. Lectures on the history of the French language are delivered, showing the origin of the words, as well as the structure of the sentences, as they were gradually developed from the Romanic dialects. In the latter half of the year, the History of the Literature is studied and lectured upon once a week.

The Text-books for the above course are as follows :

I. FIRST YEAR: Otto's French Grammar; Historiettes Modernes (Fontaine); Lamartine's Jeanne d'Arc.

II. SECOND YEAR:—Otto's French Grammar; Harrison's French Syntax; Corneille's Le Cid; Moliere's Le Misanthrope; Knapp's French Readings; La Litterature Francaise Classique (Pylodet); Racine's Athalie; Masson's or Gasc's Dictionary.

German.

PROFESSOR BISHOP.

In this Department we strive to teach the language as it is, pointing out as far as possible what is usual, what unusual, what idiomatic, and what growing out of the nature of the people speaking this beautiful language. The history of the literature is not taken up until the second year. All possible time is devoted toward the accurate study of the Grammar, the reading, writing and speaking of the language itself. If the apt student is *diligent* in the pursuit of these studies two years, he will then be in condition to feel what is German, what English translated into German words. The writing and speaking of German is insisted on as the chief means of getting to know

accurately the living language. In the Beginning Class we at first take up the Grammar—Otto's most probably, or Whitney's; in the spring some easier pieces are read, such as one meets in Brandt's German Reader; written translations from English into German are required at least once a week. In the advanced class the session opens with Wilhelm Tell or Soll und Haben or Die Jungfrau von Orleans perhaps, followed by Maria Stuart, Faust, Hermann und Dorothea, or whatever text seems most adapted to the class. We require original exercises of this class once a week. In both classes constant practice in the *pronunciation* of the German is insisted upon rigidly.

Mathematics.

PROF. BARTON.

I. PURE MATHEMATICS.

In all the classes in Mathematics, we emphasize, both in daily recitations and in examinations, the use of copious exercises and original problems, which not only test the degree of knowledge already attained and impress principles on the mind, but encourage independent investigation and tend to promote the highest development of thought. To elucidate the texts, or as an addition thereto, notes are given from time to time by the professor. A knowledge of Arithmetic and Algebra to Quadratics is required for admission into the College Course. Too much stress can not be laid upon the importance of good preparation and thorough grounding in these elementary branches.

Advanced Algebra and Geometry, which are both Freshman studies, may be taken in different years, and in this case it is immaterial which is studied first. Classes in Book-keeping and Business Arithmetic, the former in the Fall and the latter in the Spring Term, are formed when

there is a sufficient demand for them. For entrance into these classes, a knowledge of Venable's Practical Arithmetic or an equivalent is necessary. The class in Business Arithmetic is generally a large one, and in this class the student is made familiar with the common business forms and methods of computation.

In the class in Trigonometry, especial attention is paid to logarithmic computation, and numerous problems are assigned illustrating its application to Surveying, Astronomy and Navigation. Any good logarithmic table may be used.

In the Fall Term of the Junior Year, the subjects studied are: Analytic Geometry of two dimensions, Analytic Geometry of three dimensions, and Lectures on the History of Mathematics. In the Spring Term of the Junior Year of the B. S. Course, Differential and Integral Calculus is taught, with applications to Statics and Dynamics.

The course in *Astronomy*, consisting of Mathematical and Descriptive Astronomy, is varied somewhat from year to year. Original problems are freely assigned and the text is supplemented by lectures. A four-inch Refracting Telescope furnishes opportunity for observation; and charts, diagrams and globes add interest and effectiveness to the department.

Post-Graduate Classes in Pure and Mixed Mathematics will be formed when there is a demand for such.

II. SURVEYING.

This department, consisting of Plane Surveying and Leveling, is now equipped with fine instruments: a Vernier Compass, a Combined Transit and Level with Vertical Arc, a Leveling Rod, Chains, Metal Tapes, etc. Five months is devoted to it, and especial prominence is given

to practical work in the field. Instruction is furnished partly by text-book and partly by lecture. In the lecture room the student is taught the general theory of Compass and Transit Surveying and Leveling, and is made familiar with the practical computation of areas and plotting. In addition, lectures are delivered on Topographical and Geodetic Surveying. In the field the student is made familiar with the use of the instruments in the measurement of areas, rerunning old surveys, and exercises in Leveling.

Students of the Surveying Class are charged two dollars for the use of instruments.

A student entering the Junior or Senior Class, except in special cases and for reasons that the Faculty shall deem urgent, will not be allowed to graduate without having attended the daily lectures, as well as passed the regular examinations on the Mathematical studies embraced in the Sophomore and Junior years.

TEXT-BOOKS.—In the Preparatory Department: Venable's Practical Arithmetic, Wentworth's Elementary Algebra. In the College Course: Wentworth's College Algebra, Venable's Geometry (new edition), Wentworth's Plane and Spherical Trigonometry, Davies's Surveying (Van Amringe), Newcomb's Analytic Geometry, Newcomb's Calculus, Young's General Astronomy, Bryant and Stratton's Business Arithmetic.

NOTE.—In addition to the regular Surveying Course, when there is sufficient demand for it, a class is organized in the Fall. This class, which will meet four times per week for about five weeks, is designed mainly for field work, though a few lectures will be given on the best methods for practical work, the Declination of the Needle, Farm Drainage, etc. The object of this class is two-fold: first to give those (farmers, surveyors and others) who can not conveniently take the college course an opportunity to learn, by actual practice, the principles of Compass and Transit Surveying and Leveling. Second, to afford any student who has been a member of the regular class an opportunity for further practice, should he desire it. This class is formed for the encouragement of accurate work and the advancement of this all-important science, and it is believed that it may prove of great practical benefit to the surveyors of Southwest Virginia. The fee for this course, which is payable in advance, is: for college students, five dollars; for others, ten dollars.

Natural Sciences.

PROF. JARMAN.

PHYSICS.

This class meets five times a week throughout the entire session.

The instruction is given by recitations from text-books, illustrated by suitable experiments.

In the Fall Term the course consists of the discussion of the laws of motion, force and energy as applied to solids, liquids and gases. A great many problems are given illustrating the practical application of the laws governing the science.

In the Spring Term Molecular Physics is discussed, Heat, Light, Sound and Electricity ; while due prominence is given to principles, frequent reference is made to the applications of Science.

Text-Books—Avery's Natural Philosophy (Fall Term). Deschanel's Natural Philosophy (Spring Term). In addition to regular tuition fee, students pay one dollar per term for use of apparatus.

GENERAL CHEMISTRY.

This course consists of five lectures a week throughout the entire session, and collateral reading in the text, the lectures being fully illustrated by suitable experiments.

In the Fall Term the subject of Inorganic Chemistry is taken up, embracing the study of chemical nomenclature, the writing of chemical formulæ, the laws regulating the combination of substances both by weight and volume, the history and description of the elementary substances, both non-metallic and metallic, with their compounds, and the Atomic Theory as it is at present viewed.

A great many chemical problems are given throughout the course, illustrating the laws governing the science.

In the Spring Term Organic Chemistry is taken up, and discussed in the order in which it is presented in Remsen's Text-Book, which is used in connection with lectures and experimental illustrations. In this course, the more common applications of Chemistry to the arts and manufactures are also alluded to.

In addition to the regular (Int. and Fin.) examinations, the class is given a written examination twice a month on the subject matter which has been discussed, in conjunction with frequent oral examinations.

Text-Books:—Fall Term (Roscoe's Elementary Chemistry), Spring Term (Remsen's Organic Chemistry). For Reference:—Roscoe & Schorlemmer's Treatise and Fowne's Elementary Chemistry.

ANALYTICAL CHEMISTRY.

This course consists of practical work done in the Laboratory, and extends through two years, the students being required to work at least ten hours a week throughout the course.

In the first year the subject of Inorganic Qualitative Analysis is treated fully, including Chemical Manipulation, Blowpipe Analysis and Determination of Minerals, Qualitative Determinations being made of mixtures of Salts, Alloys, Minerals, etc.

In the second year the students are drilled in Quantitative Analyses, both gravimetric and volumetric. Complete Analyses of Ores, Minerals, Slags, Clays, Fertilizers, etc., are made, also considerable work in Assaying. Blow-pipe Analysis and Qualitative Analysis are continued through the second year.

Students applying for the B. S. degree are only required

to take the first year course, the second year course being given to those wishing to continue their work in this line.

Text-Books.—First year: Beilston's Qualitative Analysis; Fresenius' Qualitative Analysis; Blow-pipe Analysis by Erni. Second year: Thorpe's Quantitative Analysis; Fresenius' Quantitative Analysis; Ricketts' Fire Assaying.

CHARGES:—Students in General Chemistry pay, in addition to regular tuition, a fee of \$2.50 per term; those in Analytical Chemistry, a fee of \$20.00 per term. In addition to this amount, each student is required to deposit \$10.00, as an apparatus deposit.

A strict account of the breakages of apparatus is kept with each student, and should the cost of breakages not exceed the amount deposited, he is credited by the difference. The Wm. Morrow Science Hall has been completed. The first floor, consisting of five rooms, is devoted to Chemical purposes. The Laboratory is thoroughly equipped for instruction, being provided with every convenience for doing practical work, and exhibiting complete series of experiments illustrating the lectures on General Chemistry. Contributions to the collection of minerals and ores will be thankfully received.

Arrangements made to analyze mineral waters, minerals, ores, furnace products, etc., at reasonable rates.

MINERALOGY.

This subject is taught by means of recitations from text-book, the class meeting three times a week throughout the Fall Term.

Special attention is paid to Crystallography, the students becoming familiar with the different forms by studying the models which are furnished them, thus enabling them to recognize the simpler Crystalline forms. The Physical and Chemical properties are also made prominent.

Recourse to a handsome collection of minerals is had, by the use of which the students can become familiar with the physical properties. In Descriptive Mineralogy, the mode of occurrence and geological importance is made prominent.

Text-Books:—Dana's Manual of Mineralogy.

GEOLOGY.

The course in Geology is preceded by a course in Physical Geography, the class meeting twice a week throughout the Fall Term.

Geology proper is taken up in the Spring Term, the class meeting five times a week, and continuing throughout the remainder of the session.

Dynamical, Structural and Historical Geology are taught in the order that they are discussed in the ordinary text-books, the chief aim being to drill the student in the theory of the Science. Physical Geography alternates with Mineralogy in the Fall Term.

Text-Book:— LeConte's Geology.

For Reference:—Dana's Manual of Geology, Geikie's Text-Book of Geology.

PHYSIOLOGY.

In this study the students acquire a knowledge of the properties and actions of the various organs of the human body in their normal condition, together with their functions. Anatomy is taught only so far as is essential to a clear understanding of the use and mode of working of each part of the body. This subject is taught throughout the Fall Term, and is illustrated with an excellent skeleton, together with practical demonstrations before the class.

Text-Book:—Martin's Human Body.

ZOOLOGY.

This course extends throughout the Spring Term, and embraces a systematic study of the representative classes of animals from the Protozoa up to Man. Special attention is paid to the Vertebrate Animals. As far as possible this course is made a practical one, dissections being made of the representative animals of each class which is discussed in the text-book.

Text-Book:—Packard's Elementary Zoology.

For Reference:—Brooks' Invertebrate Zoology, Claus & Sedgwick's Zoology.

BOTANY.

Botany begins March 1st, and continues until the close of the session. Recitations daily. The course comprises the elements and principles of descriptive and systematic Botany. The student is required to write a description of a great many plants, thus familiarizing him with the terms used in describing flowers, and furnishing him with a clear knowledge of the plants dealt with. A large amount of analytical work is done, the class being provided with the more common plants, and taught how to determine their specific names. The students, after completing the course, will be enabled to analyze any of the ordinary plants in this section of the country. Each student is required to analyze and press twenty flowers, together with a written description of each.

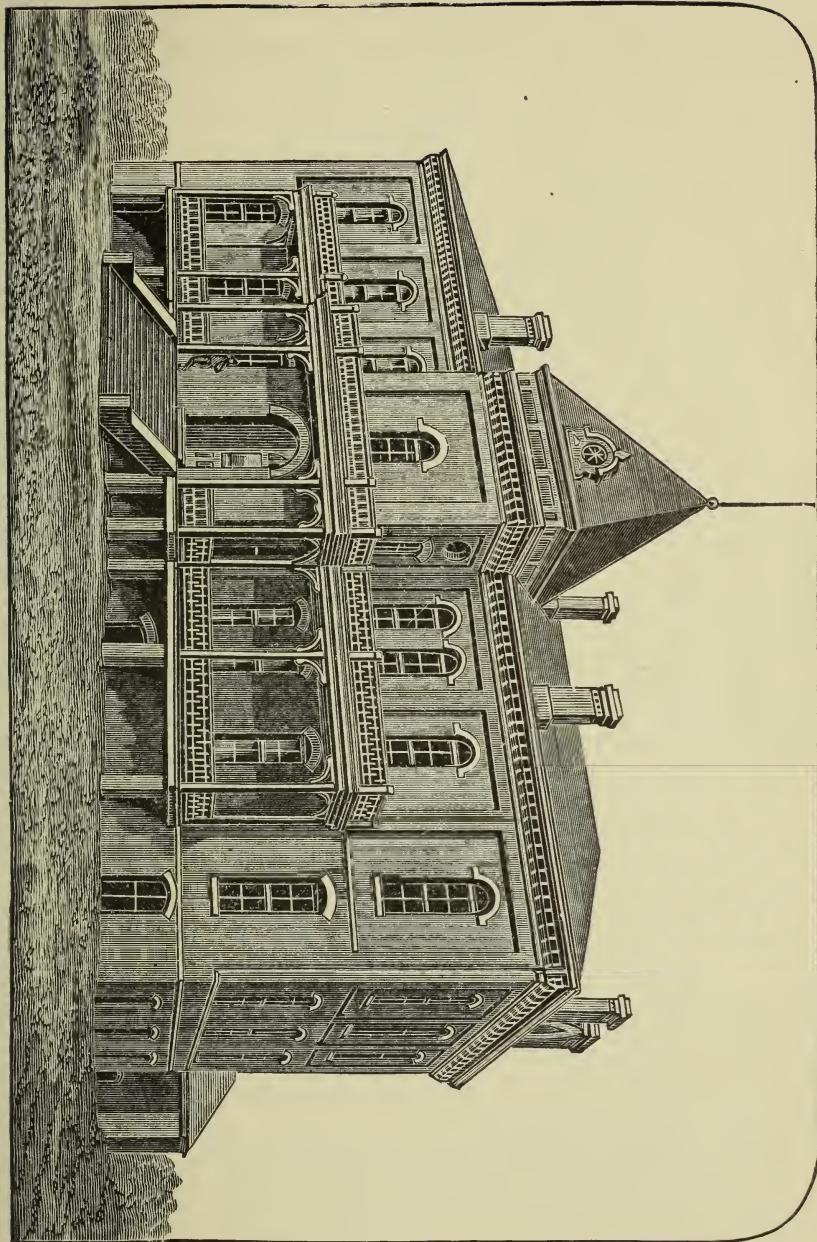
Text-book.—Gray's Lessons and Manual.

Preparatory Department.

The work of the Preparatory Department is especially planned for properly preparing students for the Freshman Class in the College ; hence only those subjects which are essential to an intelligent pursuit of collegiate studies are included in its course. The advantages of the Preparatory Department are especially designed for that considerable class of students who live in the country remote from good elementary schools. Students from towns which have schools of high grade are not encouraged to enter the Preparatory Department, though such will not be excluded. Great care has been taken to make this course thorough and beneficial, both in itself and as a preparation for the regular college work. The Faculty would earnestly call the attention of both pupils and parents to the great importance of thorough drill in these elementary branches, whether they be pursued here or elsewhere. Many a boy's taste for books is lost, and his future as a scholar blighted, by undue and unwise haste to *advance* in the course. And, while a boy's ambition should be encouraged, the prime importance of thoroughness should be impressed upon him.

This department is particularly convenient for those students that are prepared for the Freshman Class in all but one or two subjects, and yet do not wish to postpone entering college. Such students can very readily enter the Freshman Class, pursuing the subject in which they are backward in the Preparatory Department. The course at present consists of two years. Those entering the first year are expected to be proficient in Elementary English Grammar, Geography, and Arithmetic through Denominate Numbers, Common and Decimal Fractions. The following is the course for the two years :

BYARS HOUSE.



Preparatory Course.**FIRST YEAR.****FALL TERM.**

Practical Arithmetic.

Latin Grammar.

English Grammar.

First Lessons in Composition.

SPRING TERM.

Practical Arithmetic.

Latin Grammar.

Outlines of History.

First Lessons in Composition.

SECOND YEAR.**FALL TERM.**

Latin Grammar and Cæsar.

Elementary Algebra.

First Greek.

French Grammar.

SPRING TERM.

Latin Grammar and Cæsar.

Elementary Algebra.

First Greek ; Xenophon.

French Grammar.

Text-books in Preparatory Course : *First Year*--Venable's Practical Arithmetic, McCabe's Bingham's Latin Grammar, Swinton's English Grammar, Quackenbos's First Lessons in Composition, Swinton's Outlines of History.

Second Year.--McCabe's Bingham's Latin Grammar, Bingham's Cæsar, Wentworth's Elementary Algebra, Harkness' First Greek Book, Kelsey's Xenophon's *Anabasis*, Otto's French Grammar.

ELOCUTION.

PROF. WILLOUGHBY READE.

In this department it is the constant aim and endeavor of the teacher to overcome the faults in the voice of the pupil, to aid him in acquiring a full, round and mellow speech, and to bring out the individuality of the student, rather than to circumscribe and cramp him in the matter of delivery by a set of fixed and mechanical rules.

The course embraces three years.

FIRST YEAR: Simple Exercises in Reading, Voice Culture and Gesture.

SECOND YEAR: Study of the Science of Elocution, Vocal Gymnastics and daily exercises in Gesture.

THIRD YEAR: The Art of Expression, a course of Shakespeare and finishing work in Gesture and Dramatic Action.

Throughout the course lectures will be given at proper intervals on Reading, both Bible and Secular, Elocution as a Science, Gesture, etc. No pains will be spared to make this department attractive and of profit to all, more especially to those who expect to become public speakers.

The special charge in this department is \$7.50 per term.

PHYSICAL CULTURE.

PROF. WILLOUGHBY READE.

“A sound mind in a sound body.”

After virtue, there is nothing upon which the happiness and usefulness of men so much depend as upon the conditions of the body. While this fact is well known to all intelligent and experienced persons who are striving by great endeavors to execute great purposes, it is a matter of which the young are hurtfully and almost universally ignorant. One of the first aims, therefore, of this depart-

ment will be to impart to the pupil a proper conception of the value and sacredness of the body as the home, the working place, and the instrument of the spirit.

All pupils entering the College are expected to take such work in this department as their needs may demand, unless excused by the physician or the Faculty.

At the outset a medical examination will be given, measurements and weights taken and recorded, so that the teacher may be prepared to modify the exercises to suit the special needs of pupils and thereby build up the health and tone of each. There will be delivered at proper intervals lectures on Physiology and Hygienic Law by physicians and other competent lecturers. All exercises will be under the supervision of the teacher, and individual instruction will be given when needed. There will be three drills in the Gymnasium each week. A field-day will close each quarter's work.

The following is an outline scheme of the work done :

1. Breathing Exercises. 2. Daily work with light dumbbells. 3. Club Swinging. 4. Body movements without weights. 5. Walking and Running Exercises. 6. Work with Wall-machines. 7. Drill work in Gesture. To this will be added, according to the need, work on the trapeze, bars, rings, ropes, ladders and pulleys; and instruction on the campus in football, baseball and tennis.

The place for the indoor work of this department is the

SAM SMALL GYMNASIUM.

The building has capacity for seating sixteen hundred people. It is octagonal in shape, has five large doors, twenty double-hung windows, gable and dome ventilation, so that the air within is as fresh as that without, and yet the openings are so arranged as to prevent a draught.

The place for out-of-doors work is the celebrated

COLLEGE CAMPUS,

which embraces twenty-two acres of shaded and open lawn set in blue grass, and containing a bold and gushing spring of the best water known in this land of celebrated waters. The Campus, in addition to being a superb place for manly exercises, is also a vision of beauty which has an invigorating and refining effect upon all who drill within it.

The fee in the department of Physical Culture is \$2.50 per term of five months.

EXAMINATIONS.

In addition to the oral examinations at the daily recitations, special examinations are conducted in writing at or near the end of each term. These special examinations cover the subjects gone over during the whole term, and are made fair yet searching tests of the student's knowledge. The numerical value attached to the examination is 100. The student is required to attain 70 per cent. of this in order to pass or graduate in any class. However, 50 per cent. will allow him to pass on from one class in the Collegiate Course to the next as a "conditioned" student, but in no case is he allowed to graduate in the Collegiate Course and secure his degree without attaining 70 per cent. in each and every class in the course.

All students are required to attend these written examinations, and if they can not attain as much as 50 per cent., they are required to quit the class and enter a lower one. If they attain as much as 50 per cent. but fall below 70 per cent., they are permitted to advance, as stated above, being marked on the professor's record as "conditioned," and, before graduating, are required to stand such examination over again with a subsequent class. Two examinations on the same subject will not be given in one session to the same student.

The student who is applying for graduation will not be required to stand an examination during the year or session in which he is applying, nearer to the close of another examination required of him than the space of seventy-two hours. The schedule of examinations will be arranged each year with this in view.

CERTIFICATES OF PROFICIENCY.

Certificates of Proficiency, under the seal of the College, are awarded publicly on Commencement Day to any student attaining an average of seventy or more in all the English studies (Essentials of English Grammar, Outlines of History, English Literature, Rhetoric,) and in any two of the following departments :

1. Latin.
2. Greek.
3. Modern Languages (French and German).
4. Mathematics.
5. Natural Sciences.

DEGREES.

The Degree of Bachelor of Science is conferred on those who complete, by attaining seventy per cent. of the value of the examinations, the studies enumerated in the course prescribed for this degree under the Course of Instruction.

The Degree of Bachelor of Arts is conferred on those who complete, by attaining seventy per cent. of the value of the examinations, the studies enumerated in the course prescribed for this degree under the Course of Instruction.

The Degree of Master of Arts is conferred on those who have secured either of the above-mentioned degrees and have sustained themselves honorably for at least three years in scholarly pursuits, upon their application for the degree, accompanied by the usual diploma fee, \$5.

The Honorary Degrees of Doctor of Divinity and Doctor of Laws are conferred upon suitable persons by a unanimous vote of the Faculty and Board of Trustees. The College has always been, in a marked degree, guarded in conferring these degrees.

EXPENSES

FOR TERM OF TWENTY WEEKS.

Tuition in Regular Course.....	\$25 00
Contingent fee.....	5 00
Library fee.....	1 00
Washing at College Laundry.....	6 50
Steam Heating, two students to a room, each.....	6 00
Room rent, " " " " ".....	5 00
Physical Culture fee	2 50
<hr/>	
Total College charges per term.....	\$51 00

The above charges are payable in advance to the Treasurer of the College. This must be done, or a definite, satisfactory arrangement made with the Treasurer.

Board in the Byars Hotel, when paid in advance, is \$10.00 per month: in the Mess Hall, \$7.50 to \$8.00 per month; at several private houses \$10.00 to \$12.00 per month; board with furnished room, fuel, light and servant's attendance can be had at several private houses at \$15.00 per month.

Students who occupy rooms in the College building provide their own furniture; this will cost on an average \$8.00 to \$10.00 each. This furniture will last the careful student as long as he remains at College, and can be sold at a fair price when he leaves, if well preserved. Rooms in the College buildings are warmed by steam.

No student is allowed, except by special permission, to

take more than four daily studies, and then he is charged \$5.00 for each extra study.

A student entering at any time within the first quarter of the term is charged with tuition of the whole term ; if at any time within the second quarter, he is charged with three-fourths ; but in no case with less than the tuition of half a term.

No deduction is made in the College charges if a student leaves before the close of the term, unless it be for sickness, and that with the advice and consent of the Faculty.

Funds remitted for the payment of bills should be directed to E. E. Wiley, Treasurer of the College. Parents and guardians are urgently advised that young men at college have very little need of pocket-money, and in general it would be safest for the student, cheapest for the parent or guardian, and best for the College, to commit the funds to the students to the President or to one of the professors, who will attend to his wants and discharge his bills. Trouble in the matter of discipline often arises from the fact that some of the students are supplied too freely with money. The College charges, in all cases, are required to be satisfactorily settled before the student will be permitted enter to upon a second term. No student is allowed to graduate, nor will a certificate of honorable dismissal be given, till all arrearages are paid.

Students taking meals in Mess Hall are charged \$1.00 per term for use of hall.

PRIVILEGED STUDENTS.

Tuition fees are remitted in the following cases : 1. Young men giving satisfactory evidence of their intention to preach and regularly licensed by their respective denominations. 2. The minor sons of ministers of any denomination engaged in the regular work of the ministry

and dependent upon that for a support. 3. The minor sons of superannuated or deceased members of the Holston Conference M. E. Church, South.

Privileged students are expected to pay the Contingent and Library fees, room rent, and the charge for warming rooms occupied by them. In case of failure to meet these charges, the favor of free tuition will be withdrawn.

TERMS AND VACATIONS.

There are two terms in the year. The Fall Term begins on the Second Thursday in September. The Spring Term begins on the Thursday before the first day of February. The scholastic year closes on Wednesday before the second Thursday in June. For closing exercises, see Calendar, page 2.

The time appropriated for vacation is believed to be ample for the purposes of relaxation from study; and in view of the unfavorable effect of all absences, either at the commencement or at any other period of the term, upon the standing and proficiency of the student, the Faculty earnestly request that the parents and guardians in no case encourage, or even sanction, such absences without very urgent reasons.

TEXT-BOOKS.

Private parties have made arrangements to supply all needed text-books and stationery at reasonable prices.

QUARTERLY LETTERS.

At the close of each quarter a letter is addressed by the Faculty to the parents or guardian of each student, reporting his absences from the stated exercises, his general deportment and improvement, and any other information regarding him that seems proper to be given. To accom-

plish the object of these letters, it is hoped that the friends of the students will apply the encouragement or repression which the letter suggests.

GOVERNMENT.

The discipline of the College first proposes to the student self-government as the highest style of government, and seeks to surround him with a social atmosphere toned with honor, purity and piety. The deportment enjoined for maintaining membership and good standing in the College is defined by the morality of the Bible, the proprieties of gentlemen, and the fitness of our positive rules. The daily assembly of our College community for family instruction and devotion has been found promotive of the *esprit du corps* and sympathy essential to harmony and good order; therefore all students are required to be present with the professors in the Chapel at daily family worship, which consists in the reading of the Scripture, singing and prayer.

Students are prohibited, on penalty of dismissal, from having or using intoxicating liquors or deadly weapons, and from organizing or active membership in secret fraternities.

RELIGIOUS SERVICES.

REV. JNO. N. PARROTT, PASTOR (1889-90).

Public worship is held in the Chapel twice on each Sabbath. At the morning services the pulpit is filled successively by the pastor, Dr. E. E. Wiley, the President, Dr. D. S. Hearon, and Professor Edmund Longley. Attendance upon the morning service is required of all students, except such as have special permission to attend church elsewhere.

The evening services are conducted by the minister-students. In these the young preachers find at once an excel-

lent opportunity for gaining experience and of doing good to their fellow-students. These occasions are enjoyable and edifying, and although attendance upon them is wholly voluntary, it is usually good.

On Sabbath morning, at 9:30 o'clock, a large Bible class meets, under the conduct of Prof. Geo. W. Miles, Jr. This study is according to the schedule of the International Lesson Texts. The influence of the admirable work done here is visible in an enlarged knowledge of the Word of God, and in the moral tone which pervades the life of the pupils. While attendance is voluntary, it is strongly urged. Parents may be of great assistance on this line, as the quarterly reports show whether or not their sons attend.

Voluntary daily and weekly prayer-meetings are found to contribute not a little to the cultivation of religious life among our young men.

SACRED MUSIC.

The College has recently purchased for use in the Chapel a new reed organ, the largest of Burdett's make. Dr. Charles E. Bishop, whose musical attainments are of a high order, presides at the organ, and has general direction of the music at our daily worship, Sabbath-school and public services. The singing is under the immediate direction of Prof. Jos. L. Jarman and Mrs. Dr. Wiley. Under the dignified, learned and pious leadership of these persons, who serve from love, without remuneration, the students and the ladies of the community render on all public occasions an order of sacred music which is inspiring and refreshing, and which contributes in a large degree to the refinement and spiritual growth of the worshipers.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

W.M. M. GILLESPIE, Pres. W. M. MEREDITH, Sec.

It is the aim of this organization to develop Christian manhood. Its methods are such as have been approved by the most experienced workers of the age. Members of the State and International Committees make visits for the purpose of giving advice and encouragement, and delegates from the Association attend State and District Conventions for the purpose of learning improved methods. Voluntary services are held daily in the Association Hall, which is a bright, attractive room. These meetings consist of song, prayer, Bible-readings and personal testimony, varying at the option of the leader. The young men conduct these meetings in turn, and all the members take part. Voluntary Bible classes meet weekly. These give opportunity for the systematic study of the Scripture. The Reading Room of the Association receives the leading religious periodical of all denominations, and is a delightful place in which to spend a leisure hour. The work of the various offices and committees gives training to young Christians. Monthly lectures are delivered before the Association by prominent Christian speakers. During the past year these were delivered by Rev. W. W. Pyott, Rev. Jas. Atkins, D.D., Rev. Geo. A. Maiden, Marion, Va., Rev. W. W. Hicks, Abingdon, Va., Geo. E. Penn, Esq., Abingdon, Va., and Professor Charles Edward Bishop, Ph.D. The annual sermon will be preached by Rev. J. P. McFerrin, Chattanooga, Tenn. The unconverted are made special objects of labor and prayer by the Christians. The result is that a large number of students are annually brought to Christ, and young Christians are made active workers.

New students are invited to Association Hall, where

they will find friends. The President and Secretary invite the correspondence of any who contemplate entering college.

LOCATION.

We desire to call special attention to our location.

HEATHFULNESS.—Retired and beautiful valley, twenty-one hundred feet above the level of the sea, with mountains abounding in mineral water, with a climate greatly greatly sought after by persons from the malarial sections, never yet invaded by miasmatic or pestilential diseases.

FREEDOM FROM TEMPTATIONS.—The College owns the land for nearly a mile around it, and no one, not even a servant, may come upon the grounds unless adjudged to be a suitable person by the Faculty.

The sale of intoxicating liquors is prohibited now by law in the counties of Southwest Virginia.

ACCESSIBILITY.—The Norfolk and Western Railroad, a part of the great trunk line from the South to the North and East, passes through the College farm, and has a depot on the grounds. Persons coming from the South and Southwest should buy through tickets to Bristol, Tennessee, and local tickets from there to Emory.

Emory, Virginia, is the name of the post-office, railroad station and express station. It is a money order office.

There is a telegraph station at Meadow View, two miles distant.

BUILDINGS AND GROUNDS.

The main College Building, which is a commodious brick edifice of the classic mould of its day, one hundred and fifty by forty-five feet, four stories high, is situated upon a commanding eminence in the Campus. It contains the Young Men's Christian Association Hall, the Treasurer's office, six large lecture-rooms, and forty rooms for students. In the center of this building, on the second floor,

is the Chapel, which seats comfortably three hundred persons. This room has been recently furnished with handsome cabinet seats, and beautifully papered. It is adorned with two brass memorial tablets: one in memory of the first President, Rev. Charles Collins, D.D., the other in memory of those chivalrous spirits who went from our midst and fell on the field of battle, and especially those illustrious alumni, Gen. J. E. B. Stuart and Gen. Wm. E. Jones. The walls are hung with large portraits of the patron saints, Bishop John Emory and Patrick Henry, and with those of all the Presidents of the Institution from its foundation to the present.

The Byars House is the College boarding-house and hotel. The building is entirely new; the old one having been burned about two years ago. It is of modern style, beautiful and convenient. It is kept by Mr. T. J. Warren. Here all the students rooming in the College or dormitories are required to take their meals, unless excused for special reasons by the Faculty. By a special act of the Board of Trustees, no pupil is allowed to room in the Byars House, but its rooms are to be kept for hotel purposes, so that all persons coming to Emory may be assured of comfortable and convenient accommodation.

The halls of the Calliopean and Hermesian Literary Societies occupy the whole of the third floor of this building. These halls are finely finished and superbly furnished. They are beautified by the contributions of cultured taste and a liberal expenditure of means, so that they are unsurpassed, possibly unequaled, by any halls of similar use in the nation. Here these celebrated societies, under the guidance of a progressive leadership, and impelled by the stirring and ennobling memories of a half century, meet once every week for forensic discussions, and to use other means for literary cultivation and manly development.

The Sam W. Small Gymnasium is a large, octagonal building, named for the noted Evangelist whose public spirit and liberality were the largest contributors. In its unique design and architectural taste it is an ornament even to these lovely grounds. The building is constructed with reference to a double use, viz.: during the session, for bodily exercise, and at the close, as a public auditorium. Its seating capacity is about sixteen hundred.

The Wm. Morrow Science Hall is named in honor of that philanthropic, generous Christian gentleman, Dr. Wm. Morrow. It contains a Chemical Lecture-room, Chemical Laboratory, Physical Lecture-room, Cabinet of Minerals and Fossils, Apparatus Rooms, room for Chemical Calculus; also lecture tables, students' working tables of the most approved modern patterns, gas chambers with ventilating flues, etc. The building is supplied with gas for heat and light. It furnishes excellent advantages for instruction, both theoretical and practical, in Chemistry, with opportunities for analysis, for determination of minerals, for assaying, for physical experiments, etc. It is built of brick, covered with metal shingles, and presents a handsome appearance in modern style.

The Campus contains twenty-three acres set in blue grass. At the east end is the famous spring, not to be forgotten by any one who has seen it, furnishing an abundant supply of the purest water.

Just without and encircling the Campus are the houses and grounds of the professors. To each professor's house there are attached five acres of rich limestone land.

The College is near the center of the College farm, which contains over three hundred acres.

LIBRARY.

At the close of the last session the Calliopean and Hermesian Literary Societies very generously donated their respective libraries to the College. This union of the three libraries has added to the efficiency of the Library as a whole, and it is believed that the good effects of this consolidation will be even more apparent in the future. The College Library thus augmented numbers now about eight thousand volumes, among which are many rare and valuable books. The Library is at present open for one hour three days in the week. The room, which is comfortably heated by steam, is provided with reading and writing tables. It has been the aim of the Faculty to secure a collection of books especially suited to the needs of college students. To this end new books are selected with great care. It is often well for the student to consult the Librarian as to the authors that treat subjects that he may wish to investigate ; and, when asked to do so, the Librarian will gladly recommend a short course of reading.

Contributions should be sent to the Librarian, by whom all such donations will be promptly acknowledged. Duplicate copies of good books, new or well preserved, are always useful and acceptable.

This being a Government depository, the Library receives all the issues of the U. S. Government Press.

During the year ending March 1, 1890, contributions have been received from :

Calliopean Literary Society ; the Hermesian Literary Society ; Dr. John L. Buchanan, Superintendent of Public Instruction ; the Commonwealth of Virginia ; Senator John W. Daniel ; Hon. John A. Buchanan, M. C. ; Hon. A. Fulkerson, Bristol, Tenn. ; E. L. Bain, Emory, Va. ; N. C. Experimental Station ; State Department, Washington, D. C. ; Treasury Department, Washington, D. C. ;

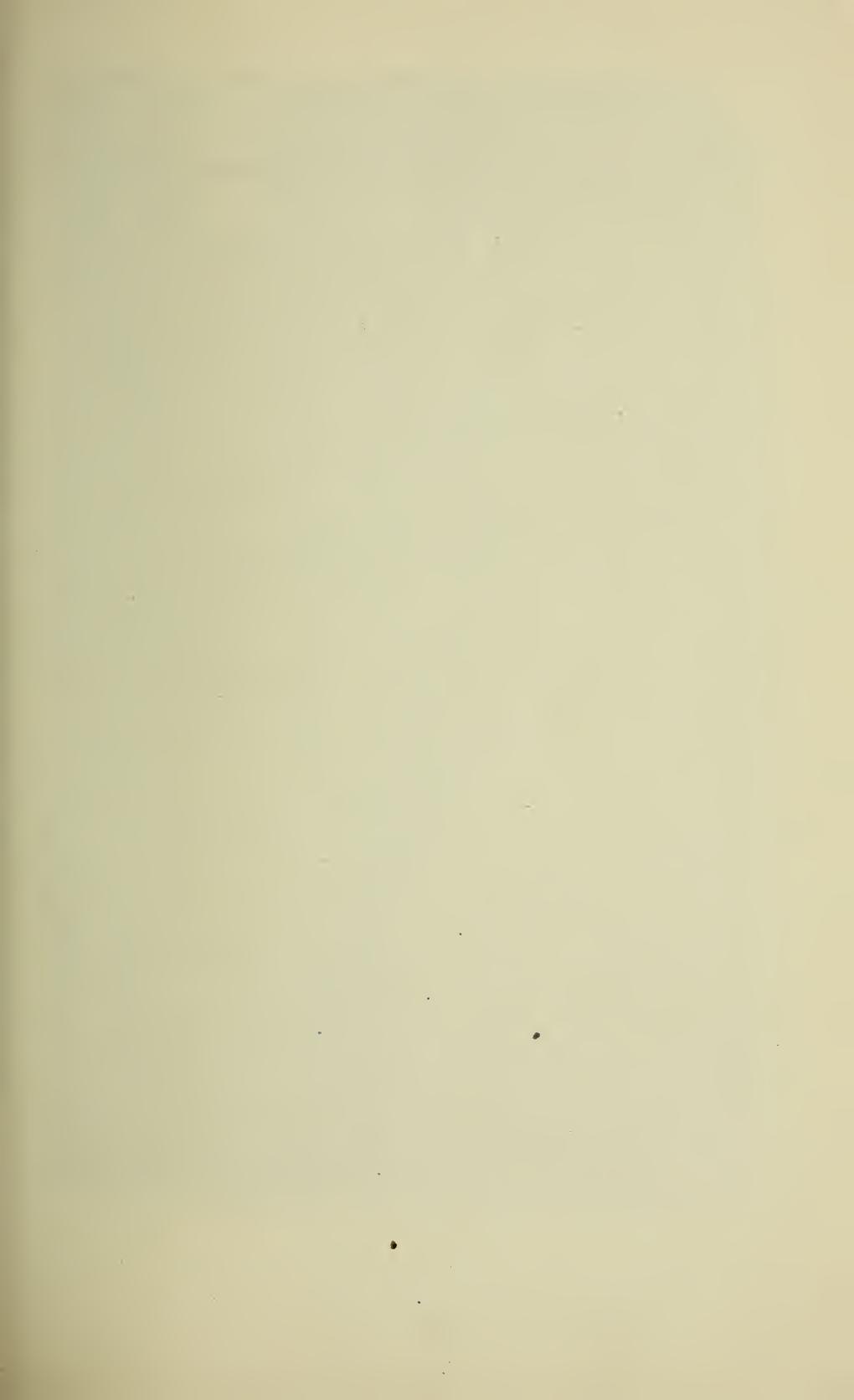
War Department, Washington, D. C.; Navy Department, Washington, D. C.; Interior Department, Washington, D. C.; Department of Agriculture, Washington, D. C.; Smithsonian Institution, Washington, D. C.; Bureau of Education, Washington, D. C.; U. S. Fish Commission, Washington, D. C.; Dr. C. E. Bishop, Emory, Va.; Hon. John E. Massey, Richmond, Va.

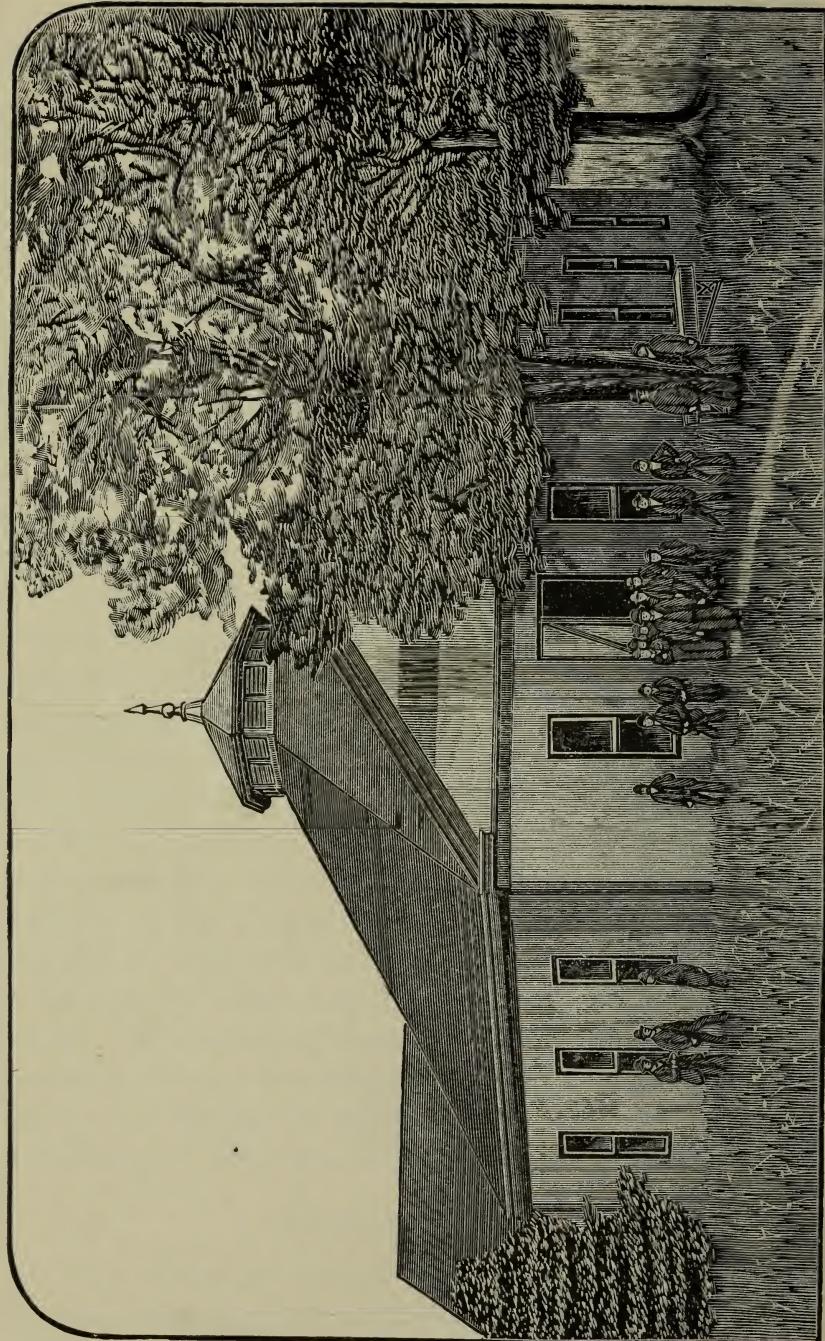
LITERARY SOCIETIES.

The Calliopean and Hermesian Societies have a history coeval with that of the College. In their management and character they challenge comparison with those of any other institution in the land. Many of the young men now directing them are the sons of men who in other years were active members. We deem it a matter of very great importance to foster them and to protect them from all influences that would impair their usefulness or endanger their permanency. Hence our objections to secret fraternities of all sorts. As now conducted these societies furnish the finest opportunities for practice and improvement in forensic discussions, elocution and English composition. Their halls are very commodious and well furnished. A monthly is published jointly by the Societies. It has thus far been conducted with singular prudence and success. Friends and former students of the College will materially aid and encourage the young men by subscribing for it. During the session a Public Debate is held by each Society. For dates of Public Debates, see Calendar.

PRIZE MEDALS.

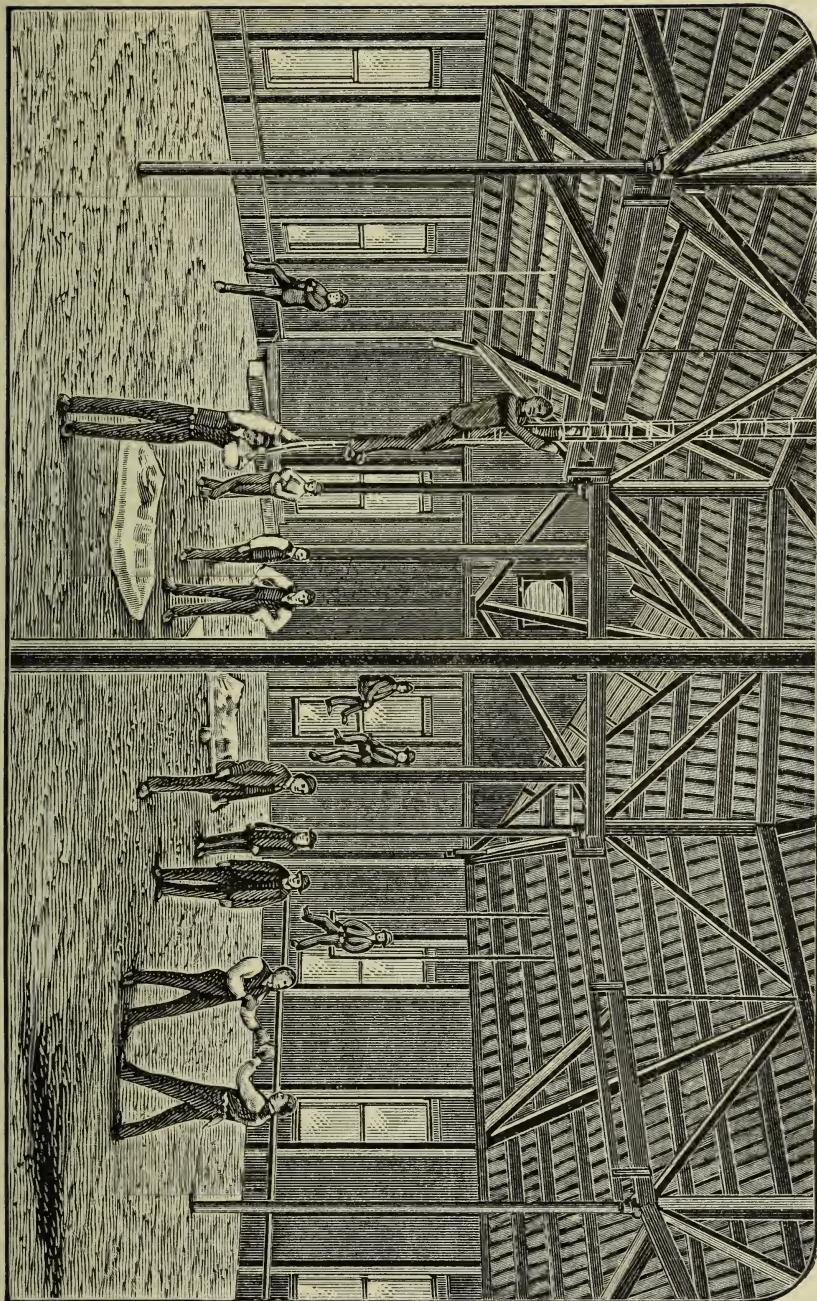
1. For encouragement of proficiency in Oratory there has been established, through the liberality of WYNDHAM ROBERTSON, Esq., a sufficient and permanent fund, of which the income, in the form of a gold medal, with





THE SAM SMALL GYMNASIUM.

INTERIOR SAM SMALL GYMNASIUM.



expressive sentiments and emblems, is bestowed at each Annual Public Examination, upon the student in the Junior or Senior Class who excels in composition and declamation.

2. The Collins Prize for excellence in English Composition, founded by the late REV. CHARLES COLLINS, D. D., first President of the College, is to be awarded in the form of a gold medal.

3. To increase interest and promote scholarship in the Natural Sciences, a gold medal is annually awarded to the student who attains the highest grade in this department. The medal is furnished from a permanent fund established by the late COL. WILLIAM BYARS.

Candidates for the prize in Natural Sciences must attain to a required standard of proficiency in Botany, Natural Philosophy, Geology, Mineralogy and Chemistry.

4. During the session '88-89, COL. FRANK E. WILLIAMS, a graduate of the College, has donated a permanent fund, the income from which is to furnish a handsome medal for Declamation, to be awarded to the best declaimer in the Freshman and Sophomore classes.

THE SOCIETY OF THE ALUMNI.

This Association, composed of all the graduates of the College and of such other former students as may be elected members at the annual meetings, now numbers nearly five hundred, and is an important and interesting feature in the history and work of the College. It has its representatives in all parts of our Southern and Western country, also in Mexico, South America, Japan and China. Its annual meetings, held in June of each year, have been occasions of great interest. From their number one is selected to address the Society annually. The fires of youthful enthusiasm are rekindled from a common altar as

they meet to renew the memories of the past, and pledge to each other afresh the friendships begun in earlier days. In addition to these pleasing features, the object of the Society is to advance the interests of the College and promote letters and progress. The officers for the current year are :

President, GEN. HORATIO C. KING, New York.

Secretary, PROF. JAMES A. DAVIS, Emory, Va.

HONORS.

The following students, having attained the highest average grade, were appointed monitors for the session of 1889-90:—

FALL TERM.

1. CHARLES H. SHANNON, Va.	3. WM. M. GILLESPIE, Va.
2. JAMES M. MILLER, Va.	4. SAMUEL E. CROW, Wash.

SPRING TERM.

1. CHARLES H. SHANNON, Va.	3. WM. M. GILLESPIE, Va.
2. ROBERT SAYERS, Va.	4. HENRY W. FUGATE, Va.

Calliopean Medalists, June, 1889.

DEBATOR'S, CHARLES A. BROWN, Va. . . .

IMPROVEMENT IN DEBATE, ROBERT S. WILLIAMS, Va.

Hermesian Medalists, June, 1889.

DEBATOR'S, WM. O. MIMS, TENN.

IMPROVEMENT IN DEBATE, CHARLES B. AMES, Tenn.

Wyndham Robertson Prize for Oratory,

WM. O. MIMS, Tenn.

William Byars Prize in Science,

ROBERT E. L. HUMPHREYS, Va.

First Honor in Senior Class,

ROBERT E. L. HUMPHREYS, Va.

Second Honor in Senior Class,
PLESENT L. HENDERSON, Tenn.

The Degree of Bachelor of Arts was conferred on :—

E. VIRGIL CARSON, Va. PLESENT L. HENDERSON, Tenn.
JOHN C. FANT, Miss. ROBERT E. L. HUMPHREYS, Va.
NICHOLAS P. OGLESBY, Va.

The Degree of Master of Arts was conferred on :—

R. P. DRISKELL, Tenn. JOS. L. KELLY, VA.
VIRGINIUS W. HARRISION, Va. THOMAS C. REESE, N. C.
PEYTON L. STAUNTON, Col.

The Degree of Doctor of Divinity was conferred on

REV. ALEXANDER G. BROWN, Va.

ENDOWMENT.

Subscriptions amounting to over fifty thousand dollars have been secured as an endowment. Rev. J. M. Sharp, of Nashville, Tennessee, has given five thousand dollars toward the endowment of an Emeritus Professorship.

FORM OF LEGACY.

I give and bequeath to the Trustees of Emory and Henry College, at Emory, Virginia, the sum of dollars, for the benefit of said institution.

THE SEMI-CENTENNIAL CATALOGUE AND HISTORICAL REGISTER.

This is a neatly printed and beautifully illustrated book of 160 pages recently published, containing a history of the College from 1837 to 1887, embellished by an engraving of the grounds and twenty-four well-executed likenesses of the Trustees and Faculty. The book contains the names of more than four thousand students, with their present

residences and occupations so far as known. Through no other medium can so much be learned of the capabilities of the Institution, the good it has already accomplished, and its claim to public confidence and patronage. This book should be in the hands of every man once a student here, for in it he will find much to remind him of college days and old associates; it is mailed to applicants at thirty cents per copy.

SCHEME OF DAILY RECITATIONS.

FALL TERM.

8:00	8:40	9:20	10:00	10:20	11:00	11:40	12:20
Practical Arithmetic.	Mental Philosophy.	Natural Philosophy.	Mineralogy.	Rhetoric.	General Chemistry.	Analytic Geometry.	
Sophomore Latin.	Sophomore Greek.	Advanced German.	Trigonometry.	Junior Greek.	Junior Latin.	Freshman Greek.	
Biology.	Freshman Latin.	Advanced French.	First German.	Geometry.	English Literature.	Physical Geography.	
	Elementary Algebra.	Essentials of English.	Prayers.	Second Latin.	First French.	Higher Algebra.	First Greek.
		English Grammar.				First Latin.	

SPRING TERM.

8:00	8:40	9:20	10:00	10:20	11:00	11:40	12:20
Practical Arithmetic.	Moral Philosophy.	Natural Philosophy.	First German.	General Chemistry.	Geology.	Calculus.	
Sophomore Latin.	Logic.	Junior Greek.	Second Latin.	Advanced German.	Junior Latin.	Freshman Greek.	
Botany.	Sophomore Greek.	Geometry.	Astronomy.	Advanced French.	English Literature.	First Greek.	
	Freshman Latin.	First French.	Surveying.	Historical Eng. Grammar.	Higher Algebra.	Political Economy.	
	Elementary Algebra.		Outlines of History.	Business Arithmetic.	First Latin.		

The Class in Analytical Chemistry will meet five times a week from 2 to 4 P.M.

CALENDAR.

FOR THE YEAR 1890.

FOR THE YEAR 1891.

UNIVERSITY OF ILLINOIS

PRESIDENT'S OFFICE



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1891-92

Sept 20 1893
M. S. C.

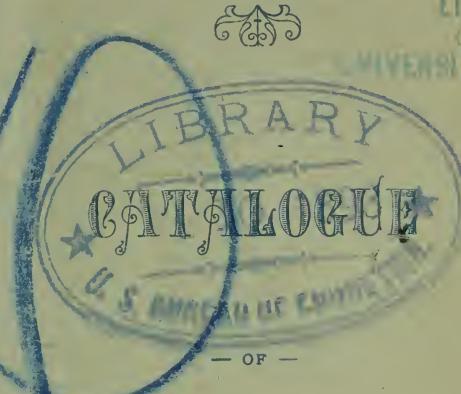
Emory, Va.

1891-92.

LIBRARY

OF THE

UNIVERSITY OF ILLINOIS



1892

EMORY AND HENRY

COLLEGE.



THE GROUNDS AND BUILDINGS OF EMORY AND HENRY COLLEGE.

Bailey, Banis & Madison

THE FIFTY-FIFTH
ANNUAL CATALOGUE

— OF —

EMORY AND HENRY COLLEGE,

EMORY, VIRGINIA.

WITH COURSES OF INSTRUCTION.

1891-92.



CINCINNATI, O.:
Elm Street Printing Co., 176 Elm Street.
1892.

CALENDAR 1892-93.

1892.

JUNE 5, 11:00 A.M.—Baccalaureate Sermon, by Rev. J. H. Pritchett, D.D., Fayette, Mo.

JUNE 5, 4:00 P.M.—Sermon before Y. M. C. A., by Rev. W. M. Dyer, Knoxville, Tenn.

JUNE 6, 2:00 P.M.—Annual Meeting of the Board of Trustees.

JUNE 6, 8:00 P.M.—Contest for the Williams Medal for Declamation.

JUNE 7, 10:00 A.M.—Contest for the Robertson Prize Medal for Oratory.

JUNE 7, 11:00 A.M.—Annual Address before the Alumni Association, by Hon. David S. Pierce, Wytheville, Va.

JUNE 7, 4:00 P.M.—Meeting of Alumni Association.

JUNE 7, 8:00 P.M.—Anniversary Celebration of the Calliopean Literary Society.

JUNE 8, 10:00 A.M.—Commencement Day. Addresses by the Graduating Class; Conferring of Degrees and Award of Medals.

JUNE 8, 11:00 A.M.—Annual Address before the Calliopean and Hermesian Literary Societies, by Rev. J. D. Barber, D.D., Nashville, Tenn.

JUNE 8, 8:00 P.M.—Anniversary Celebration of the Hermesian Literary Society.

SEPTEMBER 8 (Thursday), 9:00 A.M.—Beginning of the Next Session.

NOVEMBER 18, 10:00 A.M.—Field Day for Athletic Sports.

NOVEMBER 18, 7:30 P.M.—Public Debate of the Calliopean Literary Society.

1893.

JANUARY 26.—Beginning of the Spring Term.

APRIL 13, 10:00 A.M.—Field Day for Athletic Sports.

APRIL 13, 7:30 P.M.—Public Debate of the Hermesian Literary Society.

FACULTY.

REV. JAMES ATKINS, M.A., D.D. President.
(Emory and Henry College.)

REV. E. E. WILEY, M.A., D.D.,
(Wesleyan University.)
Lecturer to Minister Students.

REV. EDMUND LONGLEY, M.A., Professor of French.
(Wesleyan University.)

REV. JAMES A. DAVIS, M.A.,
(Emory and Henry College.)
Professor Emeritus of Natural Sciences.

GEO. W. MILES, JR., M.A.,
(Emory and Henry College. Graduate of University of Virginia.)
Professor of Greek and English.

SAMUEL M. BARTON, PH.D.,
(University of Virginia.)
Professor of Pure and Applied Mathematics.

CHARLES E. BISHOP, PH.D.,
(University of Virginia and Ph.D. of University of Leipzig.)
Professor of Latin and German.

REV. JAMES ATKINS, M.A., D.D.,
Professor of Mental and Moral Philosophy.

JOSEPH L. JARMAN,
(Graduate University of Virginia.)
Professor of Natural Sciences.

WILLOUGHBY READE,
Professor of Elocution and Physical Culture.

CHARLES H. SHANNON. Tutor in Greek and Latin.

*J. H. JENNINGS. Tutor in Mathematics.

OFFICERS OF THE FACULTY.

REV. JAMES ATKINS, Chairman.
PROF. GEO. W. MILES, JR., Secretary.
PROF. WILLOUGHBY READE, Librarian.
J. H. JENNINGS, Assistant Librarian.

*Resigned. Succeeded by R. K. Sutherland.

BOARD OF TRUSTEES.

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REV. BENJ. W. S. BISHOP.
CAPT. GEORGE GRAHAM.
GEN. JAMES S. GREEVER.
JUDGE H. H. INGERSOLL.
MATTHEW H. BUCHANAN.
CAPT. C. E. VAWTER.
HON. JOHN A. BUCHANAN, M.C.
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COL. JNO. W. PAULETT.
REV. JNO. E. NAFF.
REV. L. K. HAYNES.
COL. E. C. REEVES.
REV. JAMES ATKINS, D.D.
GEO. E. PENN, Esq.
REV. GEO. D. FRENCH.
REV. W. H. PRICE, M.D.
REV. JAMES S. KENNEDY, D.D.
HON. JAMES D. JOHNSTON.
REV. K. C. ATKINS.
J. S. APPERSON, M.D.

*Deceased. Place to be filled by election at June meeting.

OFFICERS OF THE BOARD,

GEO. W. PALMER, Esq., President.

REV. E. E. WILEY, D.D., Treasurer.

PROF. GEO. W. MILES, JR., Secretary.

REV. W. W. PYOTT, Financial Agent.

EXECUTIVE COMMITTEE,

DR. JAMES ATKINS, Chairman.

DR. E. E. WILEY.

PROF. JAMES A. DAVIS, Secretary.

GEN. JAMES S. GREEVER.

GEORGE E. PENN, Esq.

CATALOGUE OF STUDENTS.

SENIOR CLASS.

BACHMAN, EDWARD KELSEY	Blountville, Tenn.
CROW, SAMUEL EDWARD	Oaksdale, Wash.
GRAHAM, EMMET VANCE	Rocky Station, Va.
GRAHAM, JOHN PATTON	Pennington's Gap, Va.
HALE, ELBERT WEBSTER	Princeton, W. Va.
JENNINGS, JOHN HAYWODE	Meadow Creek, Va.
NEAL, JOHN WITTEN	Clinton, Tenn.
PRITCHETT, JOSEPH JOHNSTON	Fayette, Mo.
SHANNON, CHARLES HENRY	Broad Ford, Va.
UMBARGER, WALTER LEE	Chilhowie, Va.

JUNIOR CLASS.

BACHMAN, NAT. DULANEY	Blountville, Tenn.
COX, HARDIN ALEXANDER	Independence, Va.
DICKEY, JOHN McMILLAN	Independence, Va.
HAMILTON, JOSEPH WILLIAM	Rotherwood, Tenn.
LAWSON, JAMES LEE	Wytheville, Va.
MILLER, JAMES McTEER	Rural Retreat, Va.
PYOTT, EDWARD SPRING	Emory, Va.
ROBESON, JAMES MARVIN	Blountville, Tenn.
SANDERS, DANIEL MILLER	Chilhowie, Va.
SUTHERLAND, ROBY KINSER	Wolf Glade, Va.
WILEY, EDWARD EMERSON	Emory, Va.

SOPHOMORE CLASS.

ANDERSON, WALTER SEWELL.....	Lobelia, W. Va.
BICKLEY, CHARLES LEE.....	Dungannon, Va.
BLAIR, ROBERT WILLIAM.....	Wytheville, Va.
BOGLE, GEORGE WILLIAM	White Gate, Va.
BROWN, FLOYD JOHNSON.....	Narrows, Va.
BROWN, WILEY WAGNER.....	Shoun's Cross Rds, Tenn.
BROWN, WALTER WESLEY BISHOP.....	Rural Retreat, Va.
BUCHANAN, ALBERT EDWARD.....	Ellendale, Va.
CARLOCK, LACON HUBERT.....	Athens, Tenn.
DAVIS, CHARLES THOMAS.....	Bristol, Tenn.
FELKNOR, SAMUEL WILSON.....	Morristown, Tenn.
FRAZIER, HENRY BOWEN.....	Emory, Va.
HATCHER, JOHN HENRY	Roanoke, Va.
HOUNSHELL, CHARLES GIDEON	Rural Retreat, Va.
LINKOUS, MERVIN BLAIR.....	Graham, Va.
McDONALD, JULIUS THURMAN.....	Mann, W. Va.
TAYLOR, ROBERT LEE.....	Cleveland, Tenn.
TERRELL, JAMES MILAS.....	Sonoma, N. C.
MORRELL, WHEELER MURPHY.....	Blizzard, Tenn.
PHILIPS, EUGENE SEWELL.....	Eagle Furnace, Tenn.
PEERY, JOHN BROWN.....	Glade Springs, Va.
PEERY, GEORGE CAMPBELL	Cedar Bluff, Va.
RANKIN, CHARLES WRIGHT	Jasper, Tenn.
REPASS, JAMES ALBERT.....	Cedar Bluff, Va.
SLOAN, HOMER FERGUS	Smithville, Ark.
STALEY, HENRY BOYD	Marion, Va.
SURFACE, GEORGE THOMAS.....	Pearisburg, Va.
TURNEY, MATTHEW.....	Paris, Ky.
WILLIAMS, CHARLES PATRICK	Pounding Mill, Va.

FRESHMAN CLASS.

ADAMS, RADFORD CARTER.....	Radford, Va.
BAKER, JOSEPH EVANS	Graham's Forge, Va.
BICKLEY, WILLIAM ELBERT.....	Dungannon, Va.
BOURNE, WILLIAM WILEY.....	Independence, Va.
BRUCE, FRANK LEE.....	Norfolk, Va.
BRYSON, THADEUS DILLARD.....	Bryson City, N. C.

BRYSON, DANIEL RICE	Bryson City, N. C.
BUTLER, CHARLES ST. JOHN	Bristol, Tenn.
BUTLER, JAMES BEVERLY	Bristol, Tenn.
CLARK, WILLIAM GRATTAN	Cooper's, W. Va.
CROCKETT, PIERCE	Barren Springs, Va.
DAVIS, JAMES LIVINGSTON	Wytheville, Va.
FERGUSON, ROBERT MINTER	Bristol, Tenn.
JACKSON, MICHAEL HASTWELL	Foster's Falls, Va.
JACKSON, FRANK YOE	Gate City, Va.
LAWSON, JOHN SIDNEY	Wytheville, Va.
LYONS, HENRY LOUIS	Knoxville, Tenn.
MCCLURE, JOSEPH NEWTON	Douglas, Va.
MCNEIL, GEORGE STUART	Bristol, Tenn.
MITCHELL, MURRAY DRAYTON	Eden's Ridge, Tenn.
MUSTARD, WILLIAM LUTHER	Pocahontas, Va.
NEAL, THOMAS WILEY	Greenwood, Ark.
PAINTER, CLINTON HEATH	Foster's Falls, Va.
PARKER, ALBERT SUMNER	Abingdon, Va.
ST. CLAIR, CHARLES TIFFANY	Graham, Va.
VENABLE, GEORGE RICHARD	Bristol, Tenn.
WELLS, PATRICK HAGAN	Wise C. H., Va.
YOUNG, DAVID KING, JR	Clinton, Tenn.

PREPARATORY CLASS.

ASTON, AUGUSTUS WHITE	Emory, Va.
BAKER, CHARLES HOWARD	Graham's Forge, Va.
CHAMBERS, CHARLES WILLIAM	Meadow View, Va.
CHIDDIX, JOHN WESLEY	Emory, Va.
CRABTREE, MICHAEL FLEENOR	Craig's Mills, Va.
DAVIS, JAMES GARNETT	Independence, Va.
DAVIS, JAMES MADISON	— — — — —, Tenn.
FRAZIER, JAMES TYLER, JR	Emory, Va.
HEARON, CHARLES OSCAR	Bristol, Tenn.
HUNTER, FRED EUGENE	Elizabethton, Tenn.
JOHNSON, FRED ALEXANDER	Asheville, N. C.
KENDRICK, GEORGE HENRY	Meadow View, Va.
LOVE, PAUL HILLIARD	Waynesville, N. C.
MORTON, JAMES EDWARD	Graham, Va.
NELSON, JESSE PENELTON	Emory, Va.

OGLESBY, JOHN JACKSON.....	Foster's Falls, Va.
PYOTT, FRANK CLARK.....	Emory, Va.
PYOTT, WILLIAM WIGHTMAN,.....	Emory, Va.
RADER, WILLIAM CHALMERS.....	Bristol, Tenn.
RICHMOND, HENRY CHARLES TYLER	Ewing, Va.
ST. JOHN, JAMES THOMAS.....	South Watauga, Tenn.
SNODGRASS, OSCAR ALMERINE.....	Meadow View, Va.
THOMPSON, SAMUEL BUCHANAN.....	Tazewell C. H., Va.
WARREN, MANLY CLEMENT.....	Buchanan, Ky.
WARREN, EWELL LEE.....	Emory, Va.
WHITE, WILLIAM YOUNG.....	Abingdon, Va.
WHITTEN, JOHN THOMAS.....	Evening Shade, Ark.

SELECT CLASS.

BAKER, JAMES WALTER.....	Gordonsville, Va.
BREESE, WILLIAM EDWARD, JR.....	Asheville, N. C.
CARSON, ADRIAN LAMBERTH.....	Spout Spring, Va.
CORNELL, MUNCEY O'CONNOR.....	Elk Creek, Va.
GEORGE, EDGAR.....	Knoxville, Tenn.
GRAY, WALTER PRESTON.....	Lebanon, Va.
HACKLER, JOHN EDGAR.....	Independence, Va.
JOHNSTON, JOHN CASPER BRANNER.....	Mossy Creek, Tenn.
KESTERSON, CHARLES TAYLOR.....	Cumberland Gap, Tenn.
KINCAID, ALVIS.....	Clinton, Tenn.
LAMBERT, GEORGE ADAM	Cedar Springs, Va.
McCANLESS, SAMUEL ALEXANDER.....	Mossy Creek, Tenn.
MILLER, HORACE CLIFTON	Johnson City, Tenn.
SANDERS, CHARLES NEWELL	Foster's Falls, Va.
SHULER, JOHN WILLIAM WEBSTER.....	Emory, Va.
SHEPARD, FRANK ROBERT.....	Asheville, N. C.
TURNER, LAWSON HENRY	Charlottesville, Va.
WITTEN, FRANK THOMAS.....	Tazewell C. H., Va.

SUMMARY.

Senior	10	Freshman.....	28
Junior.....	11	Preparatory.....	27
Sophomore.....	29	Select	18
Total, 123.			

COURSE OF INSTRUCTION.

GENERAL STATEMENTS.

Applicants for admission to any of the College classes are required to give satisfactory evidence of their fitness therefor ; and students, to be admitted to an advanced class in any course for graduation, will be required to make up any deficiencies in subjects which precede their point of entrance.

The importance of thorough preparation in elementary studies is urged upon all ; it is greatly advantageous to every student to enter one of the regular courses for graduation, and to pursue the subjects in the prescribed order. All students must conform to the schedule of studies published herein. Students from other chartered institutions must bring certificates of honorable dismissal.

Classes meet five times a week. Forty minutes is allowed to each recitation.

COLLEGIATE COURSE.

Bachelor of Arts Degree.

FRESHMAN YEAR.

FALL TERM.

Latin.—Nepos ; Grammar and Exercises.

Greek.—Xenophon ; Grammar and Exercises ; Geography.

Mathematics — Geometry.

English.—Grammar and Literature.

Physical Culture.

SPRING TERM.

Latin.—Virgil ; Grammar and Exercises.
Greek.—Lysias ; Grammar and Exercises ; History.
Mathematics.—Geometry ; Higher Algebra.
English.—English Composition and Literature.
Physical Culture.

SOPHOMORE YEAR.

FALL TERM.

Latin.—Cicero ; Grammar and Exercises ; Literature.
Greek.—Plato ; Grammar and Exercises ; Antiquities.
Mathematics.—Plane and Spherical Trigonometry.
English.—Practical Rhetoric ; Prose Literature.
Physical Culture.

SPRING TERM.

Latin.—Horace ; Grammar and Exercises ; Literature.
Greek.—Homer ; Grammar and Exercises ; Mythology.
Mathematics.—Surveying.
English.—Art of Poetics ; English Poets.
Physical Culture.

JUNIOR YEAR.

FALL TERM.

Latin.—Tacitus ; Grammar and Exercises ; Literature.
Greek.—Demosthenes ; Grammar and Exercises ; Literature.
Mathematics.—Analytic Geometry.
English.—Shakespeare and Shakespearean Grammar ; Literature.
Physical Culture.

SPRING TERM.

Latin.—Horace ; Grammar and Exercises ; Literature.

Greek.—Sophocles ; Moods and Tenses, Exercises ; Metre.

Astronomy.

English.—Philology ; Early English.

Physical Culture.

SENIOR YEAR.

FALL TERM.

General Chemistry.

Natural Philosophy.

Intellectual Philosophy.

Biblical Literature and Evidences of Christianity.

Physical Culture.

SPRING TERM.

General Chemistry.

Natural Philosophy.

Moral Philosophy.

Logic and Political Economy.

Physical Culture.

Bachelor of Science Degree.

FRESHMAN YEAR.

FALL TERM.

Mathematics.—Geometry.

French.—Grammar.

Physiology.

English.—Grammar and Literature.

Physical Culture.

SPRING TERM.

Mathematics.—Geometry and Higher Algebra.

French.—Grammar.

Botany and Physical Geography.

English.—English Composition and Literature.

Physical Culture.

SOPHOMORE YEAR.

FALL TERM.

Mathematics.—Plane and Spherical Trigonometry.

German.—Meissner's Grammar.

French.—Prose Writers ; Grammar.

English.—Practical Rhetoric ; Prose Literature.

Physical Culture.

SPRING TERM.

Mathematics.—Surveying.

German.—Meissner's Grammar and Brandt's Reader.

French.—Poets ; Grammar and Literature.

English.—Art of Poetics ; English Poets.

Physical Culture.

JUNIOR YEAR.

FALL TERM.

Mathematics.—Analytic Geometry.

General Chemistry.

German.—Schiller ; Whitney's Grammar and Exercises ; Literature.

English.—Shakespeare and Shakespearean Grammar ; Literature.

Physical Culture.

SPRING TERM.

Astronomy.
General Chemistry.
German.—Goethe ; Whitney's Grammar and Exercises ;
Literature.
Political Economy and Logic.
Physical Culture.

SENIOR YEAR.

FALL TERM.

Mathematics.—Calculus.
Natural Philosophy.
Mineralogy.
Analytical Chemistry.
Physical Culture.

SPRING TERM.

Mathematics.—Calculus.
Natural Philosophy.
Geology.
Analytical Chemistry.
Physical Culture.

NOTE.—The B. A. Course in Latin may be substituted for French and German, as a requirement for the B. S. Degree.

The four years in French and German (see Preparatory Department) may be substituted for the Greek of the B. A. Course.

The course in History assigned to the respective classes is explained in detail on another page.

In addition to the above studies, weekly exercises are required of all students in Composition and Elocution, except the members of the Senior Class, and these are required to deliver original orations in the Chapel before the Faculty and students.

THE DEPARTMENTS AND METHODS.

Mental and Moral Science.

PRESIDENT ATKINS.

The plan adopted in this Department is a discreet combination of the recitation and the lecture. Pupils are required to make careful preparation upon the texts assigned for daily work. The subject-matter of the recitation is made the basis of the lecture, which contemplates the double purpose of inspiring original thought and of leading the pupil into the wider literature of the subject in hand. With a just recognition of the materialistic and even metallic tendencies of the day, one of the prime objects of the teacher is to inspire a love of these noble sciences, and thereby to exalt the love of intellectual and spiritual life in the pupils.

Text-books.—Moral Science: Hopkins' Law of Love and Love as a Law, and Gregory's Christian Ethics.

Mental Science: Porter's Intellectual Science.

The class in Political Economy is thoroughly instructed in the fundamental principles of the science. After that, special attention is given to the vexed questions pertaining to Capital and Labor, the Tariff, and the Currency. The student is encouraged to investigate for himself, and, in order to induce study and thought, subjects are assigned for discussion by members of the class.

Perry's text is used as the basis of class-work.

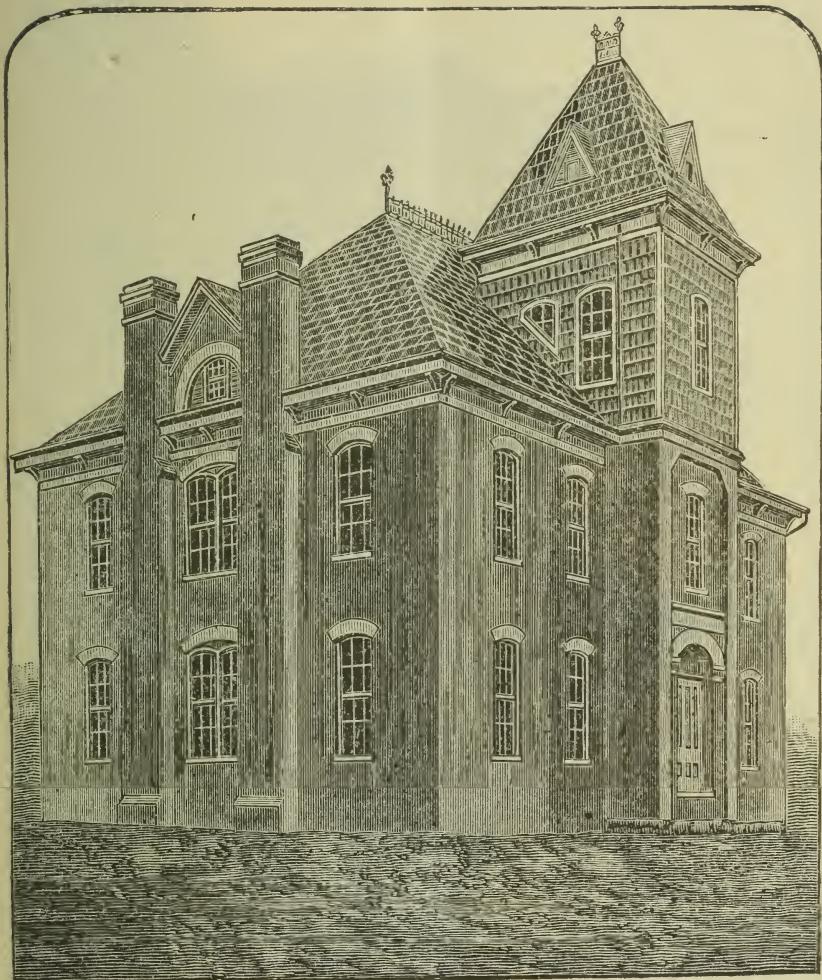
English.

PROFESSOR MILES.

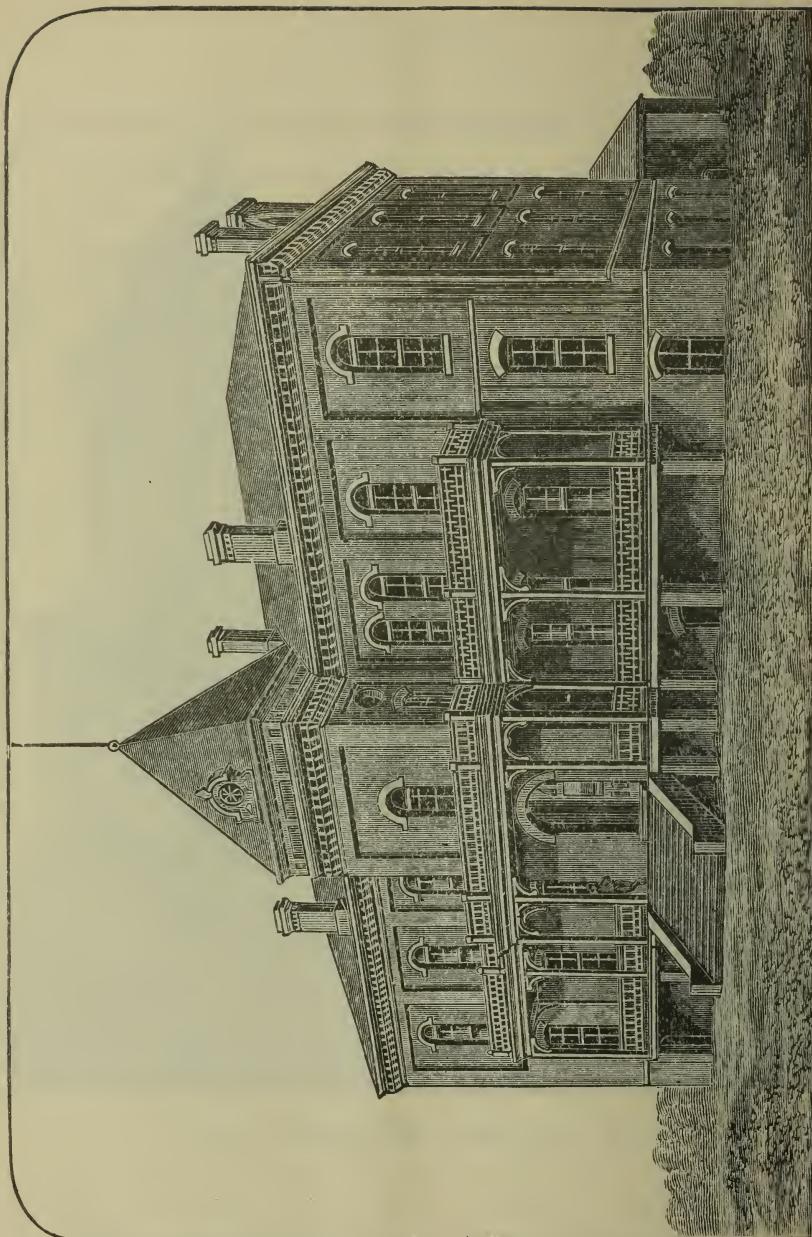
I. THE LANGUAGE.

I. The first object of this Department is to give the student an accurate and refined use of our mother tongue. To obtain this, it is necessary to begin with words in their simplest relations to each other and proceed, step by step, through all their complex combinations arising from the utterance of the nicest shades of thought. To succeed in this, the language must be studied both as we have it now and as it once existed in the past centuries. The *Freshman year* addresses itself exclusively to this work. *The Fall Term* takes up the formation and transmutation of words; the functions of phrases and clauses; the concord, order and diction of sentences. Copious exercises for the detection and correction of errors are submitted. *The Spring Term* studies the art of English composition. In connection with every recitation, passages from our best authors are submitted with a view to illustrating the subject of the lecture.

II. The *Sophomore year* of the course treats of Style, Criticism and Poetics. It is here sought to cultivate the student's expression, add force and precision to his mode of thought, and conduct him into the extensive realm of good taste and rhetorical imagery. *The Fall Term* is generally occupied with this, and the student is taught to tell, both in his own speech or compositions and in that of others, what are beauties and what are blemishes. *The Spring Term* is taken up more especially with the harmony of the language as seen in English poetry, and the subjects treated are the kinds of poetic compositions, their rhythm, metre and rhetorical imagery, and their effect in producing beauty of form, thought and sentiment.



WM. MORROW SCIENCE HALL.



BYARS HOUSE.

III. *The Fall Term* of the *Junior year* is given to the study of Shakespeare. Two or three of the great dramatist's plays are read in class. Along with a discussion of his art and character-studies, the differences of words and idioms between the Elizabethan English and our own are pointed out. Thus this transitional period in the history of our language is brought to a near view and the changes in inflection, pronunciation, use of words, extravagance of metaphors and sudden influx of new terms are noted in the chief writer of that age.

' *The Spring Term* is devoted to obtaining an elementary knowledge of English Philology. In addition to being an aid to a proper understanding of our own language, this is studied in connection with the specimens of Early English writers, with which the Course in Literature concludes.

II. THE LITERATURE.

I. The *Freshman year* in Literature is joined to the Freshman year in the Language, and the two together constitute one study, the language coming three times a week and the literature twice. This is also the case in the Sophomore and Junior years. The Freshman year is taken up with an elementary work, giving biographical sketches of only the choicest English and American writers and brief outlines of the works on which their fame rests. The historical events which influenced or molded their lives are made prominent. Frequent quotations and selections are given throughout the year.

II. The *Sophomore year* goes much deeper into the merits of the author's works. The student is led to examine critically the sources of his power and the elements of his style. How far the author has been influenced by his predecessors and contemporaries is noted, and the general

characteristics of the age in which he lived are brought out in lectures. The study of *prose* writers is confined to the *Fall Term*, and Bacon, Burke, DeQuincey, Macaulay and Carlyle are the authors to whom special study is given. The *Spring Term* is confined to a study of the *Poets*.

III. The *Fall Term* of the *Junior year* presupposes a knowledge of the biography of authors and is devoted exclusively to their works. It looks at English Literature from the standpoint of the race characteristics, and institutes comparisons between the literature of England and that of other nations, notably that of Greece, Italy and France. It thus seeks to trace in our literature these foreign influences.

In the *Spring Term* the Early English writers, up to and including Chaucer, are studied in connection with selections from their works.

NOTE.—(a) Those students who desire, on entering College, to take the Junior year in English, will be required to stand the Sophomore examinations of that year with the Sophomore Class. (b) All students in English Literature will be required, as a preparation for the course, to read a History of England.

The Course in English.

I. FRESHMAN YEAR.

I. FALL TERM.—Essentials of English, Exercises, three times a week; Hand-book of Literature, Selections, twice a week.

II. SPRING TERM.—English Composition, Exercises, three times a week; Hand-book of Literature, Selections, twice a week.

II. SOPHOMORE YEAR.

I. FALL TERM.—Practical Rhetoric, Exercises, three times a week ; English Prose-writers, Selections, twice a week.

II. SPRING TERM.—Art of Poetics, Exercises, three times a week ; English Poets, Selections, twice a week.

III. JUNIOR YEAR.

I. FALL TERM.—Shakespeare and Shakespearean Grammar, twice a week ; English Literature, three times a week.

II. SPRING TERM.—Philology, three times a week ; Early English Writers, twice a week.

TEXT-BOOKS.

I. *Freshman Year.*—Barnes' English Grammar ; Abbott's How to Parse ; Hudson's Classical Reader ; Longman's Hand-book of Literature ; Nichol's Composition.

II. *Sophomore Year.*—Genung's Practical Rhetoric ; Minto's Manual of English Prose Literature ; Gummere's Art of Poetics ; Minto's Characteristics of English Poets ; Hale's Longer English Poems.

III. *Junior Year.*—Shakespeare's Plays (Clarendon Press) ; Abbott's Shakespearean Grammar ; Taine's English Literature ; Earle's Philology ; Morris and Skeat's Specimens of Early English ; Chaucer's Prologue and Knight's Tale.

History.

Preparatory.—History of the United States and Outlines of History.

Freshman.—History of England.

Sophomore.—History of Greece.

Junior.—History of Rome.

It will be observed that the Course in History is not extensive. The reason is obvious. The history read in connection with a full college curriculum can not, as an acquisition, amount to much. The objects which we have in view are: 1. To awaken in the mind of the student a spirit of inquiry. 2. To induce a respectable fund of information concerning the three great civilizations which are the subjects of study, and thereby afford material for original thought; and 3, To produce in the pupil the love and habit of reading history.

The plan of study is not that of the class, except in the Preparatory Department. We discard this method, because it is as much as possible unlike the plan which must be adopted in after-life. The plan pursued is as follows: Each book is divided into five sections, one of which is given every month to that department to which the book belongs by the schedule. All pupils classified as Freshman, Sophomore or Junior, in either the B. A. or B. S. Course, are required, upon proper penalties and rewards, to read the section assigned in the time allotted. At the end of the month the pupils are examined, and opinions are elicited; after which the principal characters and events of that period are grouped, and the philosophy of the history inquired into in a short lecture by the teacher. By this method the student is taught how to read history, when to read it, and for what.

Latin.

PROFESSOR BISHOP.

In the short period of time which American students generally allot themselves in which to "master" the classics, it is well-nigh impossible to get more than tolerably well grounded in the language itself—quite unwise and unworthy of the aim of any teacher to allow his classes to dip into the many other studies, however enticing they be themselves, into which philology blends itself. We, therefore, attempt in Latin nothing more than a thorough knowledge of the principles of the *language itself*, coupled with such drilling in the metre and in the history of the literature as seems necessary to a more intelligent understanding of the texts read. With a view to the attainment of these aims, we insist on two things: (a) Constant study of the *grammar*; (b) Constant practice in *reading and writing* Latin. To this end a lesson is assigned in some part of the grammar for *each recitation*, to be accompanied by an exercise in *reading* or *writing* Latin. In the lower classes two written exercises (partly original) are required weekly; in the higher class, one exercise only, but of greater length than those in the lower classes.

While the forms are kept in view throughout the whole course, the Freshman Class are required to devote their attention more especially to these, without an *accurate* knowledge of which no degree of scholarship is possible. The syntax and metra become more prominent in the Sophomore Class. In the Junior Class, syntax, metra, formation and use of words, and the history of the literature, are touched upon. We attempt to learn the metra by degrees, each College class being required to read selections from one *poet* each year. Nor do we think it well to always read the same authors in the respective classes, our

object being to adapt the course, as far as possible, to the individual needs of each class, and to this end the privilege is reserved of at any time making such immaterial changes in the announced course as the professor may deem necessary. After being drilled thoroughly in the Preparatory Course—I. McCabe's Bingham's Grammar, with constant practice in writing exercises; II. The Grammar, Cæsar and Exercises—the student enters the *Freshman Class*. The authors here read are generally Sallust, Vergil, Ovid, Cicero perhaps, or some other author of suitable difficulty. From here on, all classes use Gildersleeve's Grammar and (more or less) Gildersleeve's Exercise Book. The *Sophomore Class* reads principally Cicero, with some easier selections from Horace, original exercises in the identification of metra, and in translating English into Latin. A preliminary course in the history of the Latin Literature is taken up in this class. The Junior Class takes up Livy at first; this is followed by Horace, Cicero or Seneca. The exercises in the identification of metra are here continued or omitted at the discretion of the professor. This class also takes up Cruttwell's History of the Roman Literature. In the course of the year suggestions, in the form of lectures, may be offered by the professor on the nature and development of different branches of the literature (*e. g.*, Drama, Satire, Elegy, History, Oratory, etc.), and some of the points of interest in the inflection of Archaic Latin are touched upon, with exercises in the reading and translation of some of the older monuments of the language into Ciceronian Latin. These subjects, however, are all made subordinate to the regular and thorough drill in the writing of the weekly exercises. A class in post-graduate Latin will be formed whenever there is sufficient demand for the same. Here the Comedies of Plautus and Terence, Lucretius' *De Rerum Natura*, Pro-

pertius and such other authors as are especially instructive, either by reason of the language or the subject-matter, are made subjects of especial study.

Attention is here drawn to the complete set of Classical Wall Maps recently purchased for the use of students in this Department.

The Professor of Latin will also give instruction in Vedic and Sanskrit, if desired.

The text-books for the above course are as follows :

FRESHMAN YEAR—*Fall Term*, Nepos.

—*Spring Term*, Vergil.

SOPHOMORE YEAR—*Fall Term*, Cicero.

—*Spring Term*, Horace (odes).

JUNIOR YEAR—*Fall Term*, Tacitus.

—*Spring Term*, Horace (epistles).

Throughout each course Gildersleeve's Grammar is used.

Greek.

PROFESSOR MILES.

The authors selected to be read in this Department are Xenophon, Lysias, Plato, Homer, Demosthenes and Sophocles, representing the historical, oratorical, philosophical, epic and dramatic vocabularies and styles of composition.

A knowledge of the forms, such as declension of nouns, conjugation of verbs, and the like, as given in Harkness' First Greek Book, and one book of Xenophon's *Anabasis*, are required for admission into the College Course.

I. In the *Freshman* year, during the Fall Term, Xenophon's *Anabasis* is read ; and in the Spring Term the Select Orations of Lysias. Along with these, during the whole year, there are daily drills on the Forms as given in Goodwin's Grammar. Twice a week English sentences are given to be put into Greek. Once a week there are lectures and recitations on the Geography and History of Greece.

II. In the *Sophomore* year, during the Fall Term, Selections from Plato are read, and in the Spring Term, Homer's *Iliad*. Along with these, there are daily dr.ills on the Verb-forms and Syntax of the Grammar. In the Spring Term especial attention is paid to the Dialectic changes, and, occasionally, parts of Homer are assigned to be put into Attic prose. Once a week exercises for translation into Greek are given, each being a piece of idiomatic English based on a Greek author. Lectures are delivered once a week on Greek Antiquities and Mythology.

III. In the *Junior* year, during the Fall Term, some of the Orations of Demosthenes are read, and in the Spring Term, one of the Dramas of Sophocles. There is, as in the other years, constant questioning on the Grammar, but here the attention is directed chiefly to the Syntax of the Verb. There are weekly exercises selected by the professor, in translating English into Greek. Lectures are delivered once a week on Greek Metres and the History of the Literature.

The Course in Greek.

I. FRESHMAN YEAR.

- I. FALL TERM.—Xenophon ; Grammar and Exercises ; Geography.
- II. SPRING TERM.—Lysias ; Grammar and Exercises ; History.

II. SOPHOMORE YEAR.

- I. FALL TERM.—Plato ; Grammar and Exercises : Antiquities.
- II. SPRING TERM.—Homer ; Grammar and Exercises ; Mythology.

III. JUNIOR YEAR.

I. FALL TERM.—Demosthenes; Grammar and Exercises; Literature.

II. SPRING TERM.—Sophocles; Moods and Tenses; Exercises; Metre.

The text-books used in the above course are as follows:

I. *Freshman Year*.—Xenophon's *Anabasis* (Kelsey); *Orations of Lysias*; *Goodwin's Grammar*; *Tozer's Classical Geography*; *Kiepert's Karten zur alten Geschichte* No. 5; *Fyffe's Greek History*; *Abbott's Arnold's Greek Prose Composition*.

II. *Sophomore Year*.—*Plato's Apologia and Crito*; *Homer's Iliad* (Seymour); *Goodwin's Grammar*; *Mahaffy's Greek Antiquities*; *Seymour's Introduction to the Language and Verse of Homer*; *Autenrieth's Homeric Dictionary*; *Liddell and Scott's Greek Lexicon* (seventh edition); *Sedgwick's First Greek Writer*.

III. *Junior Year*.—*Demosthenes' de Corona and Philippiques*; *Sophocles' Plays*; *Goodwin's Grammar* and *Goodwin's Moods and Tenses*; *Jebb's Greek Literature*; *Liddell and Scott's Greek Lexicon* (seventh edition).

French.

PROFESSOR LONGLEY.

The aim of this Department is to give such a knowledge of the French language to those who complete the course as will enable them to put, with some degree of fluency, the simple English idioms into French, and to translate, at sight, the common conversation and literary productions of the French into English. A simple parrot-like reproduction of this foreign tongue is altogether avoided, and the forms, syntax, etymologies and idioms of the language are closely studied from the start. Also the history of the language, as it was developed from the Latin, is touched upon. There are frequent readings aloud to perfect the pronunciation and to give facility of utterance. At inter-

vals the professor reads aloud to accustom the ear of the student to the spoken language. Weekly exercises in putting English into French are written, handed in to the professor and corrected by him, after which he calls attention to the errors in them, and puts a correct copy on the blackboard.

I. The First Year in French is taken up with acquiring an accurate pronunciation and mastery of the grammatical forms and common laws of syntax. Easy stories in prose from modern French writers are read daily in class.

II. In the Second Year, the best French authors are read. The drill on the Grammar is kept up daily, and the pronunciation is carefully guarded. Exercises in putting English into French are prominent throughout the year. Lectures on the history of the French language are delivered, showing the origin of the words, as well as the structure of the sentences, as they were gradually developed from the Romanic dialects. In the latter half of the year, the history of the literature is studied and lectured upon once a week.

The text-books for the above course are as follows :

I. *First Year.*--Otto's French Grammar ; Historiettes Modernes (Fontaine) ; Lamartine's Jeanne d'Arc.

II. *Second Year.*--Otto's French Grammar ; Harrison's French Syntax ; Corneille's Le Cid ; Moliere's Le Misanthrope ; Knapp's French Readings ; La Litterature Francaise Classique (Pylodet) ; Racine's Athalie ; Masson's or Gasc's Dictionary.

German.

PROFESSOR BISHOP.

In this Department we strive to teach the language as it is, pointing out as far as possible what is usual, what unusual, what idiomatic, and what growing out of the nature

of the people speaking this beautiful language. The history of the literature is not taken up until the second year. All possible time is devoted toward the accurate study of the grammar, the reading, writing and speaking of the language itself. If the apt student is *diligent* in the pursuit of these studies two years, he will then be in condition to feel what is German, what English translated into German words. The writing and reading of German is insisted on as the chief means of getting to know accurately the living language. In the beginning class we at first take up the Grammar—Joynes—Meissner's; in the spring some easier pieces are read, such as one meets in Brandt's German Reader; written translations from English into German are required at least once a week. In the advanced class, in which Whitney's Grammar is used, the session opens with Wilhelm Tell or Soll und Haben, or Die Jungfrau von Orleans, followed by Maria Stuart, Faust, Hermann und Dorothea, or whatever text seems most adapted to the class. We require *original* exercises of this class once a week. In both classes constant practice in the *pronunciation* of the German is insisted upon rigidly.

The text-books for the above course are as follows :

SOPHOMORE YEAR—*Fall Term*, Joynes—Meissner's Grammar and Brandt's German Reader.

—*Spring Term*, Joynes—Meissner's Grammar and Brandt's German Reader.

JUNIOR YEAR—*Fall Term*, Whitney's Grammar and Die Jungfrau von Orleans; Hosmer's History of German Literature.

—*Spring Term*, Whitney's Grammar and Wilhelm Tell, and Hosmer's History of German Literature.

Mathematics.

PROFESSOR BARTON.

I. PURE MATHEMATICS AND SURVEYING.

In all the classes in Mathematics, we emphasize, both in daily recitations and in examinations, the use of copious exercises and original problems, which not only test the degree of knowledge already attained and impress principles on the mind, but encourage independent investigation and tend to promote the highest development of thought. To elucidate the texts, or as an addition thereto, notes are given from time to time by the professor. A knowledge of Arithmetic and Algebra to Quadratics is required for admission into the College course. Too much stress can not be laid upon the importance of good preparation and thorough grounding in these elementary branches.

Advanced Algebra and Geometry, which are both Freshman studies, may be taken in different years, and in this case it is immaterial which is studied first. They both recite five times a week. Geometry is taken up in the Fall and completed about the middle of March, the rest of the session being devoted to Higher Algebra.

A class in Business Arithmetic is formed when there is a sufficient demand for it. For entrance into this class, a knowledge of Venable's Practical Arithmetic or an equivalent is necessary. The class in Business Arithmetic is generally a large one, and in this class the student is made familiar with the common business forms and methods of computation.

In the class in Trigonometry, especial attention is paid to logarithmic computation, and numerous problems are assigned illustrating its application to Surveying, Astronomy and Navigation. Any good logarithmic table may be used.

In the Fall Term of the Junior year, the subjects studied are: Analytic Geometry of two dimensions, Analytic Geometry of three dimensions, and Lectures on the History of Mathematics.

The course in *Astronomy*, consisting of Mathematical and Descriptive Astronomy, is varied somewhat from year to year. Original problems are assigned and the text is supplemented by lectures. A four-inch Refracting Telescope furnishes opportunity for observation; and charts, diagrams and globes add interest and effectiveness to the Department.

In the Senior year of the B. S. Course Differential Calculus is taught in the Fall, and Integral Calculus, with practical applications, in the Spring Term.

The department of *Surveying*, consisting of Plane Surveying and Leveling, is now equipped with fine instruments, which are described below, under Engineering. Five months are devoted to it, and especial prominence is given to practical work in the field. Instruction is furnished partly by text-book and partly by lecture. In the lecture-room the student is taught the general theory of Compass and Transit Surveying and Leveling, and is made familiar with the practical computation of areas and plotting. In addition, lectures are delivered on Topographical and Geodetic Surveying. In the field the student is made familiar with the use of the instruments in the measurement of areas, re-running old surveys, and exercises in Leveling.

Students of the Surveying Class are charged one dollar for the use of instruments.

A student entering the Junior or Senior Class, except in special cases and for reasons that the Faculty shall deem urgent, will not be allowed to graduate without having attended the daily lectures, as well as passed the regular

examinations on the Mathematical studies embraced in the Sophomore and Junior years.

Post-Graduate classes in Pure and Mixed Mathematics will be formed when there is a demand for such.

The regular studies are arranged as follows :

FRESHMAN YEAR—*Fall Term*, Geometry.

—*Spring Term*, Geometry and Algebra.

SOPHOMORE YEAR—*Fall Term*, Trigonometry.

—*Spring Term*, Surveying.

JUNIOR YEAR—*Fall Term*, Analytic Geometry.

—*Spring Term*, Astronomy.

SENIOR YEAR—*Fall Term*, Differential Calculus.

—*Spring Term*, Integral Calculus.

Text-books for the above course are as follows :

Wentworth's College Algebra, Wentworth's Geometry (new edition), Wentworth's Plane and Spherical Trigonometry, Carhart's Surveying, Wentworth's Analytic Geometry, Byerly's Calculus, Young's General Astronomy, Bryant & Stratton's Business Arithmetic.

II. ENGINEERING.

Feeling that there was a demand, arising from the needs of those sections from which our patronage is drawn, for a more extended course in Surveying than could be embraced in the regular curriculum, the Faculty, at the beginning of the last session, formed a special class in Engineering. The interest taken in this course and the apparent success of the work, have been most encouraging, and a permanent Engineering Department has been established, of which the following is an outline :

FIRST YEAR.

(1) Theory and Description of Engineering Field Instruments, with Field Operations; General Methods and Fundamental Problems in Triangulation, Land, City and

Railroad Surveying, Leveling, including the computation of earthwork ; Determination of Heights and Distances by Stadia ; Location and Construction of Roads and Railroads.

(2) Elementary Mechanics.

(3) Descriptive Geometry ; Industrial and Engineering Drawing—Projections, Shades and Shadows, Topography, Blue Print Process of Copying.

The text-books for the above course are as follows :

Johnson's Theory and Practice of Surveying ; Shunk's Engineer's Field-book ; De Volson Wood's Elementary Mechanics ; Millar's Descriptive Geometry.

The object of the course as laid down for the first year is twofold : First, as preparatory to more advanced work in our technical schools and higher universities ; second, to give suitable preparation to young men desiring to enter at once upon practical field-work, and who do not feel themselves able to take a more extended course. It is believed that the information and practice thus obtained will be of very great benefit to the young engineer who goes direct from the class to join an engineering corps in the field. For this work a knowledge of Geometry and Plane Trigonometry is necessary.

For the accommodation of students desiring to pursue the subject further here, a second year will be provided if there is a sufficient demand for it. The work in the second year will be varied ; for example, one year Railroad Engineering will perhaps be mainly pursued ; another, Bridge Engineering will be the primary work, though general methods and practice in other fields will not be neglected. Students of the second year will probably, for the present at least, do the field-work with sections of the first-year class.

The College is provided with new and improved instruments : A Vernier Compass; Combined Transit and Level,

with Vertical Arc and Stadia Wires; Leveling Rod, Ranging Poles, Metal Tapes, Chains. Work in the field and the drawing-room will be carried on diligently and systematically throughout the year. The student will be required to apply the principles learned from text book and lecture, and *to do for himself* the work that an engineer has to do. It will be the aim of the professor in charge to give the student such constant and persistent practice that he will become both quick and accurate in handling the instruments.

The charges for a student of Engineering, who has paid the regular College tuition of \$25 per term (\$50 per session), is \$15 per term (\$30 per session); or, in other words, an Engineering student pays \$40 per term (\$80 per session), and has the privilege of taking any or none of the College classes. It will often be to his advantage to attend some of the classes in Mathematics or the Natural Sciences.

The Engineering News is taken for the benefit of students of Engineering. As books of reference they will have access to: Rankin's Civil Engineering; Du Bois' Strains in Framed Structures; Gore's Geodesy; Cotterill's Applied Mechanics; Todhunter's Analytical Statics; Gillespie's Roads and Railroads, and other works on Pure and Applied Mathematics.

Natural Sciences.

PROFESSOR JARMAN.

PHYSICS.

This class meets five times a week throughout the entire session.

The instruction is given by recitations from text-books, illustrated by suitable experiments.

In the Fall Term the course consists of the discussion of the laws of motion, force and energy as applied to solids, liquids and gases. A great many problems are given illustrating the practical application of the laws governing the science.

In the Spring Term Molecular Physics is discussed, Heat, Light, Sound and Electricity; while due prominence is given to principles, frequent reference is made to the applications of science.

Text-book—Olmsted's College Philosophy.

In addition to regular tuition fee, students pay one dollar per term for use of apparatus.

GENERAL CHEMISTRY.

This course consists of five lectures a week throughout the entire session, and collateral reading in the text, the lectures being fully illustrated by suitable experiments.

In the Fall Term the subject of Inorganic Chemistry is taken up, embracing the study of chemical nomenclature, the writing of chemical formulæ, the laws regulating the combination of substances both by weight and volume, the history and description of the elementary substances, both non-metallic and metallic, with their compounds, and the Atomic Theory as it is at present viewed.

A great many chemical problems are given throughout the course, illustrating the laws governing the science.

In the Spring Term Organic Chemistry is taken up and discussed in the order in which it is presented in Pinner's text-book, which is used in connection with lectures and experimental illustrations. In this course, the more common applications of Chemistry to the arts and manufactures are also alluded to.

Students in General Chemistry pay, in addition to regular tuition, a fee of \$2.50 per term.

The text-books for the above course are as follows:

FALL TERM.—Barker's Elementary Chemistry.

SPRING TERM.—Pinner's Organic Chemistry.

EXPERIMENTAL CHEMISTRY.

The only way to learn Chemistry is to study it in the laboratory, and in view of this fact a course in Experimental General Chemistry will be given, supplementary to the *regular* course.

By studying Chemistry in this way the class will gain an unusually good knowledge of the subject, as they will have an opportunity to make all of the experiments involved in the course. While this course is entirely optional, the students are strongly urged to take it. This class meets three times a week, from 2 to 4 P.M.

ANALYTICAL CHEMISTRY.

The course consists of practical work done in the Laboratory, and extends through two years, the students being required to work at least ten hours a week throughout the course.

In the first year the subject of Inorganic Qualitative Analysis is treated fully, including Chemical Manipulation, Blow-pipe Analysis and Determination of Minerals, Qualitative Determinations being made of mixtures of Salts, Alloys, Minerals, etc.

In the second year the students are drilled in Quantitative Analyses, both gravimetric and volumetric. Complete Analyses of Ores, Minerals, Slags, Clays, Fertilizers, etc., are made, also considerable work in Assaying. Blow-pipe Analysis and Qualitative Analysis are continued through the second year.

Students applying for the B.S. degree are only required to take the first-year course, the second-year course being

given to those wishing to continue their work in this line.

Text-books for the above course are as follows :

First Year.—Venable's Qualitative Analysis ; Fresenius' Qualitative Analysis ; Blow-pipe Analysis, by Erni.

Second Year.—Thorpe's Quantitative Analysis; Fresenius' Quantitative Analysis ; Ricketts' Fire Assaying.

The William Morrow Science Hall has been completed. The first floor, consisting of five rooms, is devoted to chemical purposes. The Laboratory is thoroughly equipped for instruction, being provided with every convenience for doing practical work, and exhibiting a complete series of experiments illustrating the lectures on General Chemistry. Contributions to the collection of minerals and ores will be thankfully received.

Arrangements made to analyze mineral waters, minerals, ores, furnace products, etc., at reasonable rates.

MINERALOGY.

This subject is studied in the Fall Term, and is taught by recitations from text-books and by practical work done in the Laboratory. The Theoretical course embraces a brief study of Crystallography. The class become familiar with the different forms by studying models which are furnished them, thus enabling them to recognize the simpler crystalline forms. The chemical and physical properties, mode of occurrence, etc., of the Minerals are also made prominent. The Laboratory course embraces a study of Blow-pipe Analysis and Determinative Mineralogy. The Laboratory Class meets three times a week, from 2 to 4 P.M.

Text-books for the above course are as follows :

Dana's Manual of Mineralogy ; Foye's Hand-book of Mineralogy.

GEOLOGY.

Geology is studied in the Spring Term.

Dynamical, Structural and Historical Geology are taught in the order that they are discussed in the ordinary text-books, the chief aim being to drill the student in the theory of the science.

Text-book :

Le Conté's Compend of Geology.

PHYSIOLOGY.

In this study the students acquire a knowledge of the properties and actions of the various organs of the human body in their normal condition, together with their functions. Anatomy is taught only so far as is essential to a clear understanding of the use and mode of working of each part of the body. This subject alternates with Physiology in the Fall Term, and is illustrated with an excellent manikin.

Text-book :

Martin's Human Body, and extensive Anatomical Charts.

BOTANY.

The study of Botany begins April 1st, and continues till the close of the session. Recitations daily. The course comprises the elements and principles of descriptive and systematic Botany. The student is required to write a description of a great many plants, thus familiarizing him with the terms used in describing flowers, and furnishing him with a clear knowledge of the plants dealt with. A large amount of analytical work is done, the class being provided with the more common plants, and taught how to determine their specific names. The students, after completing the course, will be enabled to analyze any of the

ordinary plants in this section of the country. Each student is required to analyze and press twenty flowers, together with a written description of each.

Text-book :

Gray's Botany.

Charges per term for Laboratory courses :

	*Deposit for Apparatus.	Material.	Tuition.
Analytic Chemistry.....	\$10 00	\$10 00	\$10 00
Experimental Chemistry.....	5 00	10 00	5 00
Determinative Mineralogy	2 50	5 00	...

Students in General Chemistry taking experimental course are not required to pay additional fee in General Chemistry.

Course of study in Natural Sciences :

FRESHMAN YEAR—*Fall Term*, Physical Geography and Physiology.
—*Spring Term*, Botany.

JUNIOR YEAR—*Fall Term*, General Chemistry.

—*Spring Term*, General Chemistry.

SENIOR YEAR—*Fall Term*, Analytical Chemistry; Mineralogy ;
Natural Philosophy.
—*Spring Term*, Analytical Chemistry, Geology
and Natural Philosophy.

*Students are only charged with what apparatus they break; the balance is refunded them.

Preparatory Department.

The work of the Preparatory Department is especially planned for properly preparing students for the Freshman Class in the College ; hence, only those subjects which are essential to an intelligent pursuit of collegiate studies are included in its course. The advantages of the Preparatory Department are especially designed for that considerable class of students who live in the country remote from good elementary schools. Students from towns which have schools of high grade are not encouraged to enter the Preparatory Department, though such will not be excluded. Great care has been taken to make this course thorough and beneficial, both in itself and as a preparation for the regular college work. The Faculty would earnestly call the attention of both pupils and parents to the great importance of thorough drill in these elementary branches, whether they be pursued here or elsewhere. Many a boy's taste for books is lost, and his future as a scholar blighted, by undue and unwise haste to *advance* in the course. And, while a boy's ambition should be encouraged, the prime importance of thoroughness should be impressed upon him.

This department is particularly convenient for those students who are prepared for the Freshman Class in all but one or two subjects, and yet do not wish to postpone entering college. Such students can very readily enter the Freshman Class, pursuing the subject in which they are backward in the Preparatory Department. The course at present consists of two years. Those entering the first year are expected to be proficient in elementary English Grammar, Geography, and Arithmetic through Denominate Numbers, Common and Decimal Fractions. The following is the course for the two years :

Preparatory Course.**FIRST YEAR.****FALL TERM.**

Practical Arithmetic.

Geography.

Latin Grammar.

English Grammar.

History of United States (daily).

SPRING TERM.

Practical Arithmetic.

Geography, continued.

Latin Grammar.

Outlines of History (daily).

SECOND YEAR.**FALL TERM.**

English Grammar.

Latin Grammar and Cæsar.

Elementary Algebra.

First Greek.

SPRING TERM.

English Grammar.

Latin Grammar and Cæsar.

Elementary Algebra.

First Greek ; Xenophon.

First Lessons in Composition.

Text-books in Preparatory Course :

First Year.—Venable's Practical Arithmetic, McCabe's Bingham's Latin Grammar, Swinton's Outlines of History, Butler's History of the United States.

Second Year.—McCabe's Bingham's Latin Grammar, Bingham's Cæsar, Harkness' First Greek Book, Kelsey's Xenophon's *Anabasis*, Bradbury's Elementary Algebra.

ELOCUTION.

PROF. WILLOUGHBY READE.

In this department it is the constant aim and endeavor of the teacher to overcome the faults in the voice of the pupil, to aid him in acquiring a full, round and mellow speech, and to bring out his individuality, rather than to circumscribe and cramp him in the matter of delivery by a set of fixed and mechanical rules.

The course embraces two years.

FIRST YEAR.—Simple Exercises in Reading, Voice Culture, Gesture, and the Study of the Science of Elocution.

SECOND YEAR.—The Art of Expression, a Course in Shakespeare, and finishing work in Gesture and Dramatic Action.

Throughout the course lectures will be given at proper intervals on Reading, both Bible and Secular, Elocution as a Science, Gesture, etc. No pains will be spared to make this department attractive and of profit to all, more especially to those who expect to become public speakers.

The special charge in this department is \$7.50 per term.

A short course of thirty private lessons will be given to any one desiring special work in this department.

The cost of this series of lessons will be \$30, which will include books and lesson papers

BOOK-KEEPING AND PENMANSHIP.

PROF. WILLOUGHBY READE.

A special course in Book-keeping and Penmanship will be given for the benefit of those who desire this work. Bryant & Stratton's Book-keeping and Putnam & Kinsey's system of Penmanship will be used.

The fee for this course is \$15, or \$7.50 when only one study is taken.

PHYSICAL CULTURE.

PROF. WILLOUGHBY READE.

"A sound mind in a sound body."

After virtue, there is nothing upon which the happiness and usefulness of men so much depend as upon the conditions of the body. While this fact is well known to all intelligent and experienced persons who are striving by great endeavors to execute great purposes, it is a matter of which the young are hurtfully and almost universally ignorant. One of the first aims, therefore, of this department will be to impart to the pupil a proper conception of the value, and sacredness of the body as the home, the working-place and the instrument of the spirit.

All pupils entering the College are expected to take such work in this department as their needs may demand, unless excused by the physician or the Faculty.

At the outset a physical examination will be given, and measurements and weights taken and recorded, so that the teacher may be prepared to modify the exercises to suit the special needs of pupils, and thereby build up the health and tone of each. There will be delivered at proper intervals lectures on Physiology and Hygienic Law by physicians and other competent lecturers. All exercises will be under the supervision of the teacher, and individual instruction will be given when needed.

There will be four drills in the Gymnasium each week, the time for this work being from four to six o'clock in the afternoon. Students may also join the morning class, which meets for special work at half-past six.

There will be three field days for Athletic Sports during the season. By action of the Faculty the Public Debate days and one afternoon of Commencement week have been set apart for this purpose. The system of training used is, in the main, that of Prof. D. L. Dowd, as taught

by him in his school of physical culture in New York City. This system is strictly one of light weight exercise, thus avoiding all danger of strain or rupture.

The following is an outline scheme of the work done :

1. Breathing exercises. 2. Daily work with light dumbbells. 3. Club swinging. 4. Body movements without weights. 5. Walking and running exercises. 6. Work with wall machines. 7. Drill work in gesture.

Special attention is given to the work on the wall machines, as it is believed that a more systematic development can be obtained from this exercise than from any other work in the Gymnasium.

In the morning class boxing, wrestling, putting the shot, throwing the hammer, and all kinds of jumping, will be taught. To this will be added instruction on the Campus in foot-ball, base-ball and tennis.

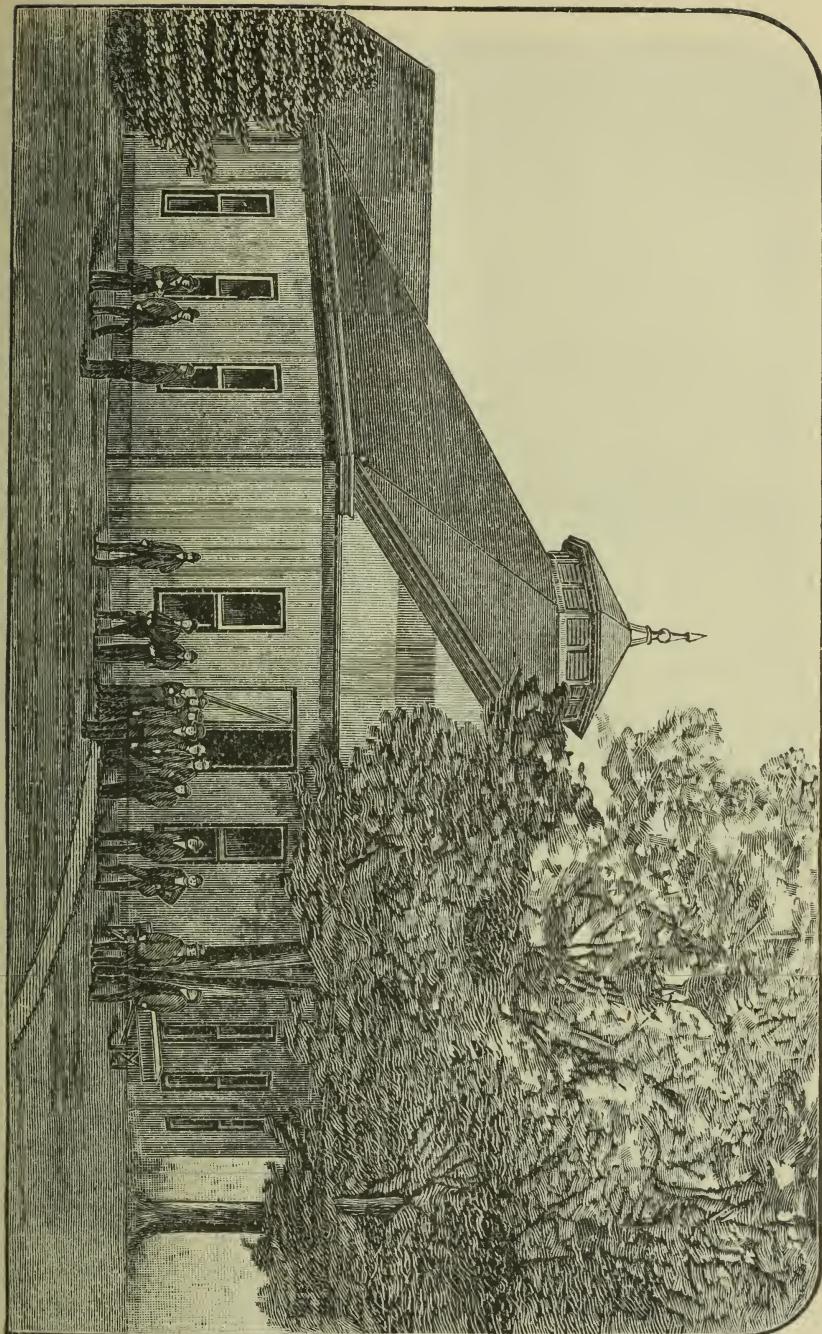
The place for the indoor work of this department is the

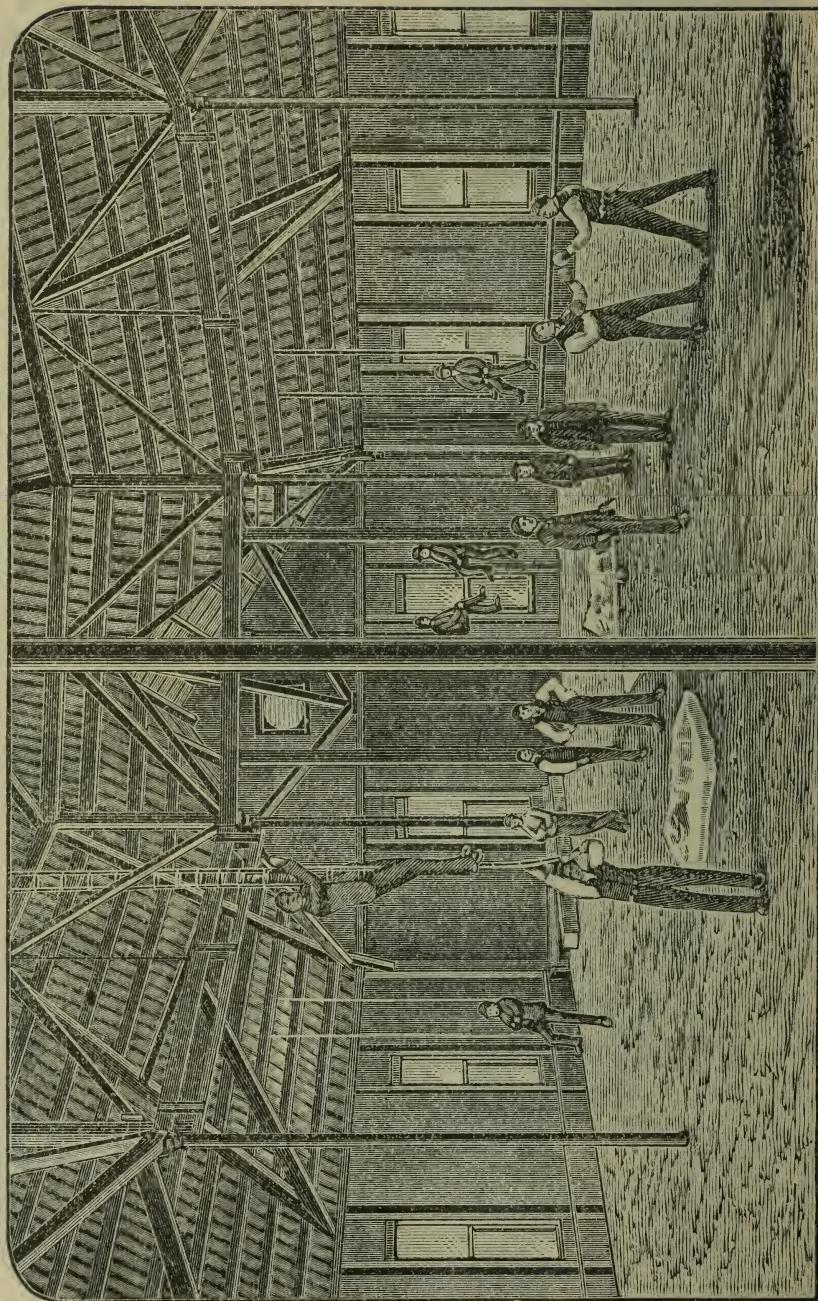
SAM SMALL GYMNASIUM.

The building has capacity for seating sixteen hundred people. It is octagonal in shape, has five large doors, twenty double-hung windows, and gable and dome ventilation, so that the air within is as fresh as that without, and yet the openings are so arranged as to prevent a draught.

During the past two years the College has placed in the Gymnasium, at a cost of \$350, thirty of Professor Dowd's wall machines, eighty pairs of dumbbells, twenty five pairs of Indian clubs, a striking-bag, boxing-gloves and other apparatus necessary for the working of the department, and will add to this each year such other appliances as may be needful, until the Gymnasium will not be equaled in its fittings anywhere in the South.

The place for out-of-doors work is the celebrated





INTERIOR SAM SMALL GYMNASIUM.

COLLEGE CAMPUS,

which embraces twenty-two acres of shaded and open lawn set in blue grass, and contains a bold and gushing spring of the best water known in this land of celebrated waters. The Campus, in addition to being a superb place for manly exercises, is also a vision of beauty which has an invigorating and refining effect upon all who drill within it.

There has been a marked physical improvement among the students during the present session both as to weight, strength and increase of lung power, and in the general freedom from sickness, and it is confidently believed that each succeeding year will bring with it still better results.

The fee in the department of Physical Culture is \$2.50 per term of five months.

EXAMINATIONS.

In addition to the examinations at the daily recitations, special examinations are conducted in writing at or near the end of each term. These special written examinations cover the subjects gone over during the whole term, and are made fair, yet searching, tests of the student's knowledge.

In the final valuation of grades, for all promotions, honors and diplomas, the class-standing of students is taken into account, as kept from day to day by the different professors, and is valued at 25 per cent., while the written examination at the end of each term is valued at 75 per cent.; *i. e.*, out of a possible 100, 25 points are for class-standing and 75 points for the written term examination.

In the report of grades, the values of the daily recitations and written examination are considered together, and so recorded, and no separate valuation is announced.

The student is required to attain 70 per cent. of these combined examinations, as set forth above, in order to

pass or graduate in any class. However, 50 per cent. will allow him to pass on from one class in the Collegiate Course to the next as a "conditioned" student, but in no case is he allowed to graduate in the Collegiate Course and secure his degree without attaining 70 per cent. in each and every class in the course.

All students are required to attend these written examinations, and if they can not attain as much as 50 per cent., they are required to quit the class and enter a lower one. If they attain as much as 50 per cent., but fall below 70 per cent., they are permitted to advance, as stated above, being marked on the professor's record as "conditioned," and, before graduating, are required to stand such examination over again with a subsequent class. Two examinations on the same subject will not be given in one session to the same student.

The student who is applying for graduation will not be required to stand an examination during the year or session in which he is applying, nearer to the close of another examination required of him than the space of seventy-two hours. The schedule of examinations will be arranged each year with this in view.

CERTIFICATES OF PROFICIENCY.

Certificates of Proficiency, under the seal of the College, are awarded publicly on Commencement Day to any student attaining an average of seventy or more in all the English studies (Freshman English, Sophomore English and Junior English ; see Course), and in any two of the following departments :

1. Latin.
2. Greek.
3. Modern Languages (French and German).
4. Mathematics.
5. Natural Sciences.

DEGREES.

The Degree of Bachelor of Science is conferred on those who complete, by attaining 70 per cent. of the value of the examinations, the studies enumerated in the course prescribed for this degree under the Course of Instruction.

The Degree of Bachelor of Arts is conferred on those who complete, by attaining 70 per cent. of the value of the examinations, the studies enumerated in the course prescribed for this degree under the Course of Instruction.

The Degree of Master of Arts is conferred on those who have secured either of the above-mentioned degrees and have sustained themselves honorably for at least three years in scholarly pursuits, upon their application for the degree, accompanied by the usual diploma fee, \$5.

The Honorary Degrees of Doctor of Divinity, Doctor of Sacred Theology and Doctor of Laws are conferred upon suitable persons by a unanimous vote of the Faculty and Board of Trustees. The College has always been, in a marked degree, guarded in conferring these degrees.

EXPENSES.

FOR TERM OF TWENTY WEEKS.

Tuition in Regular Course	\$25 00
Contingent fee	5 00
Library fee	1 00
Washing at College Laundry	6 50
Steam Heating, two students to a room, each	6 00
Room rent, " " " "	5 00
Physical Culture fee	2 50
Apparatus	50
 Total College charges per term	 \$51 50

The above charges are payable in advance to the Treasurer of the College. This must be done, or a definite, satisfactory arrangement made with the Treasurer.

Board in the Byars Hotel, when paid in advance, is \$10 per month ; board, with furnished room, fuel, light and servant's attendance, can be had at several private houses at \$15 per month.

Students who occupy rooms in the College building provide their own furniture ; this will cost on an average of \$6 to \$10 each. This furniture will last the careful student as long as he remains at College, and can be sold at a fair price when he leaves, if well preserved.

No student is allowed, except by special permission, to take more than four daily studies, and then he is charged \$5 for each extra study.

A student entering at any time within the first quarter of the term is charged with tuition of the whole term ; if at any time within the second quarter, he is charged with three-fourths ; but in no case with less than the tuition of half a term.

No deduction is made in the College charges if a student leaves before the close of the term, unless it be for sickness, and that with the advice and consent of the Faculty.

Funds remitted for the payment of bills should be directed to E. E. Wiley, Treasurer of the College. Parents and guardians are urgently advised that young men at college have very little need of pocket-money, and in general it would be safest for the student, cheapest for the parent or guardian, and best for the College, to commit the funds of the students to the President, or to one of the professors, who will attend to his wants and discharge his bills. Trouble in the matter of discipline often arises from the fact that some of the students are supplied too freely with money. The College charges, in all cases, are required to

be satisfactorily settled before the student will be permitted to enter upon a second term. No student is allowed to graduate, nor will a certificate of honorable dismissal be given, till all arrearages are paid.

PRIVILEGED STUDENTS.

Tuition fees are remitted in the following cases :

1. Young men giving satisfactory evidence of their intention to preach and regularly licensed by their respective denominations.
2. The minor sons of ministers of any denomination engaged in the regular work of the ministry and dependent upon that for a support.
3. The minor sons of superannuated or deceased members of the Holston Conference M. E. Church, South.

Privileged students are expected to pay the Contingent and Library fees, room rent, and the charge for warming rooms occupied by them. In case of failure to meet these charges, the favor of free tuition will be withdrawn.

TERMS AND VACATIONS.

There are two terms in the year. The Fall Term begins on the second Thursday in September. The Spring Term begins on the Thursday before the first day of February. The scholastic year closes on Wednesday before the second Thursday in June. For closing exercises, see Calendar, page 2.

The time appropriated for vacation is believed to be ample for the purpose of relaxation from study; and in view of the unfavorable effect of all absences, either at the commencement or at any other period of the term, upon the standing and proficiency of the student, the Faculty earnestly request that the parents and guardians in no case encourage, or even sanction, such absences without very urgent reasons.

TEXT-BOOKS.

Private parties have made arrangements to supply all needed text-books and stationery at reasonable prices.

QUARTERLY LETTERS.

At the close of each quarter a letter is addressed by the Faculty to the parents or guardian of each student, reporting his absence from the stated exercises, his general deportment and improvement, and any other information regarding him that seems proper to be given. To accomplish the object of these letters, it is hoped that the friends of the students will apply the encouragement or repression which the letter suggests.

GOVERNMENT.

The discipline of the College first proposes to the student self-government as the highest style of government, and seeks to surround him with a social atmosphere toned with honor, purity and piety. The deportment enjoined for maintaining membership and good standing in the College is defined by the morality of the Bible, the proprieties of gentlemen, and the fitness of our positive rules. The daily assembly of our College community for family instruction and devotion has been found promotive of the *esprit du corps* and sympathy essential to harmony and good order; therefore all students are required to be present with the professors in the Chapel at daily family worship, which consists in the reading of the Scripture, singing and prayer.

Students are prohibited, on penalty of dismissal, from having or using intoxicating liquors or deadly weapons, and from organizing or active membership in secret fraternities.

RELIGIOUS SERVICES.

REV. E. F. KAHLE, PASTOR (1891-92).

Public worship is held in the Chapel twice on each Sabbath. At the morning services the pulpit is filled successively by the pastor, Dr. E. E. Wiley, the President, Dr. D. S. Hearon, and Prof. Edmund Longley. Attendance upon the morning service is required of all students, except such as have special permission to attend church elsewhere.

The evening services are conducted by the minister students. In these the young preachers find at once an excellent opportunity for gaining experience and of doing good to their fellow-students. These occasions are enjoyable and edifying, and although attendance upon them is wholly voluntary, it is usually good.

THE SABBATH-SCHOOL.

On Sunday morning, at 9:30 o'clock, the Sabbath-school meets, under the superintendence of Prof. George W. Miles, Jr. This study is according to the schedule of the International Lesson Texts. The Sabbath-school is divided into five Bible classes under the Professors. The influence of the admirable work done here is visible in an enlarged knowledge of the word of God, and in the moral tone which pervades the life of the pupils. While attendance is voluntary, it is strongly urged. Parents may be of great assistance on this line, as the quarterly reports show whether or not their sons attend.

Voluntary daily and weekly prayer-meetings are found to contribute not a little to the cultivation of religious life among our young men.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

R. K. SUTHERLAND, Pres. E. E. WILEY, JR., Sec.

It is the aim of this organization to bring young men to Christ, and to develop Christian manhood. Its methods are such as have been approved by the most experienced workers. Members of the State and International Committees make visits for the purpose of giving advice and encouragement, and delegates from the Association attend State Conventions, College and District Conferences, for the purposes of being spiritually strengthened and learning improved methods.

Voluntary services are held daily, except Saturdays, in the Association Hall. These meetings consist of song, prayer, Bible-readings, short talks, varying at the option of the leader. Wednesday nights have been set apart for public prayer-meetings, which the people of the community are urgently invited to attend.

The young men conduct the meetings, and nearly all the members take part. Voluntary Bible classes also meet weekly, one of which is led by President Atkins. His lectures, in connection with a large map of St. Paul's travels, afford an excellent opportunity for systematic Bible study, and render this meeting one of the most interesting of the week. The studies of this class are now in the life of St. Paul.

Missionary meetings are held monthly, in which some mission field is the topic, and its most important features discussed by previously appointed speakers, who have access to an excellent missionary library. Mr. Shepard, chairman of this department, gave the work a new impetus during the past year.

Lectures are delivered before the Association by prominent Christian speakers. This year these lectures were

delivered by Rev. J. J. Lloyd, Rev. Frank Richardson, D.D., Rev. G. W. Summers, Prof. Edmund Longley, Dr. S. M. Barton and E. T. Dadmun, Assistant State Secretary of the Y. M. C. A. of Virginia. The annual sermon will be preached by Rev. W. M. Dyer, of Broad Street Church, Knoxville.

Rev. Geo. R. Stuart held a series of meetings here in December, in which thirty-five young men were brought to Christ. The unconverted are made special objects of labor and prayer at all times, and the results nearly every year are similar to the above.

The work of the various officers and committees, as well as religious work in the community and personal work among the students, affords invaluable training for young Christians.

New students will have a warm reception in our new and beautiful audience-room at the William Morrow Science Hall, for which we are especially indebted to the faithful labor of Mrs. Dr. Atkins and Miss Malone. In this hall will be secular papers and the leading periodicals of all denominations. Sectarianism is not known in the Y. M. C. A. movement. The president and secretary invite the correspondence of any who contemplate entering college.

Special thanks are due to Mr. Henry Silverthorn, of Lynchburg, for a very handsome silver water-set presented to the new Association Hall, and to Messrs. E. H. Butler & Co., through their agent, Col. John W. Paulett, of Knoxville, Tenn., for their large series of wall maps, an invaluable aid in various college departments, as well as in the Y. M. C. A. studies.

LOCATION.

We desire to call special attention to our location.

HEALTHFULNESS.—Retired and beautiful valley, twenty-one hundred feet above the level of the sea, with mountains abounding in mineral water, with a climate greatly sought after by persons from the malarial sections, never yet invaded by miasmatic or pestilential diseases.

FREEDOM FROM TEMPTATIONS.—The College owns the land for nearly a mile around it, and no one, not even a servant, may come upon the grounds unless adjudged to be a suitable person by the Faculty.

The sale of intoxicating liquors is prohibited now by law in the counties of Southwest Virginia.

ACCESSIBILITY.—The Norfolk and Western Railroad, a part of the great trunk line from the South to the North and East, passes through the College farm, and has a depot on the grounds. Persons coming from the South and Southwest should buy through tickets to Bristol, Tenn., and local tickets from there to Emory.

Emory, Va., is the name of the post-office, railroad station and express station. It is a money-order office.

There is a telegraph station at Meadow View, two miles distant.

BUILDINGS AND GROUNDS.

The main College building, which is a commodious brick edifice of the classic mould of its day, one hundred and fifty by forty-five feet, four stories high, is situated upon a commanding eminence in the Campus. It contains the Young Men's Christian Association Hall, the Treasurer's office, six large lecture-rooms, and forty rooms for students. In the center of this building, on the second floor, is the Chapel, which seats comfortably three hundred persons.

This room has been recently furnished with handsome cabinet seats and beautifully papered. It is adorned with two brass memorial tablets, one in memory of the first President, Rev. Charles Collins, D.D., the other in memory of those chivalrous spirits who went from our midst and fell on the field of battle; and especially those illustrious alumni, Gen. J. E. B. Stuart and Gen. Wm. E. Jones. The walls are hung with large portraits of the patron saints, Bishop John Emory and Patrick Henry, and with those of all the presidents of the institution, from its foundation to the present.

The Byars House is the College boarding-house and hotel. The building is entirely new, the old one having been burned about two years ago. It is of modern style, beautiful and convenient. It is kept by Mr. T. J. Warren. By a special act of the Board of Trustees, no pupil is allowed to room in the Byars House; but its rooms are to be kept for hotel purposes, so that all persons coming to Emory may be assured of comfortable and convenient accommodations.

The halls of the Calliopean and Hermesian Literary Societies occupy the whole of the third floor of this building. These halls are finely finished and superbly furnished. They are beautified by the contributions of cultured taste and a liberal expenditure of means, so that they are unsurpassed, possibly unequaled, by any halls of similar use in the nation. Here these celebrated societies, under the guidance of a progressive leadership, and impelled by the stirring and ennobling memories of a half century, meet once every week for forensic discussions, and to use other means for literary cultivation and manly development.

The Sam W. Small Gymnasium is a large, octagonal building, named for the noted evangelist whose public spirit and liberality were the largest contributors. In its

unique design and architectural taste it is an ornament even to these lovely grounds. The building is constructed with reference to a double use, viz.: during the session, for bodily exercise, and at the close, as a public auditorium. Its seating capacity is about sixteen hundred.

The Wm. Morrow Science Hall is named in honor of that philanthropic, generous Christian gentleman, Dr. Wm. Morrow. It contains a Chemical Lecture-room, Chemical Laboratory, Physical Lecture-room, Cabinet of Minerals and Fossils, Apparatus Rooms, room for Chemical Calculus; also lecture tables, students' working-tables of the most approved modern patterns, gas chambers with ventilating flues, etc. The building is supplied with gas for heat and light. It furnishes excellent advantages for instruction, both theoretical and practical, in Chemistry, with opportunities for analysis, for determination of minerals, for assaying, for physical experiments, etc. It is built of brick, covered with metal shingles, and presents a handsome appearance in modern style.

The Campus contains twenty-three acres set in blue grass. At the east end is the famous spring, not to be forgotten by any one who has seen it, furnishing an abundant supply of the purest water.

Just without and encircling the Campus are the houses and grounds of the professors. To each professor's house there are attached five acres of rich limestone land.

The College is near the center of the College farm, which contains over three hundred acres.

LIBRARY.

In 1889 the Calliopean and Hermesian Literary Societies very generously donated their respective libraries to the College. This union of the three libraries has added to the efficiency of the Library as a whole, and it is believed that

the good effects of this consolidation will be even more apparent in the future. The College Library thus augmented numbers now about eight thousand volumes, among which are many rare and valuable books. The Library is at present open twice a week. The room, which is comfortably heated by steam, is provided with reading and writing tables. It has been the aim of the Faculty to secure a collection of books especially suited to the needs of college students. To this end new books are selected with great care. It is often well for the student to consult the Librarian as to the authors that treat subjects that he may wish to investigate ; and, when asked to do so, the Librarian will gladly recommend a short course of reading.

Contributions should be sent to the Librarian, by whom all such donations will be promptly acknowledged. Duplicate copies of good books, new or well preserved, are always useful and acceptable.

This being a Government depository, the Library receives all the issues of the United States Government Press.

During the year ending March 1, 1891, contributions have been received from Hon. John A. Buchanan, M.C., Abingdon, Va.; Hon. John E. Massey, Superintendent of Public Instruction, Richmond, Va.; the Commonwealth of Virginia ; N. C. Experimental Station ; Columbia College, New York City ; the Big Stone *Post* ; the Atlanta *Constitution* ; the *Wesleyan Christian Advocate* ; State Department, Washington, D. C.; Treasury Department, Washington, D. C.; War Department, Washington, D. C.; Navy Department, Washington, D. C.; Interior Department, Washington, D. C.; Department of Agriculture, Washington, D. C.; Smithsonian Institution, Washington, D. C.; Bureau of Education, Washington, D. C.; U. S. Fish Commission, Washington, D. C., and others.

READINGS, CONCERTS AND LECTURES.

During the session there have been given in the Chapel a number of concerts, readings and lectures by the best talent that could be commanded. These have proved a source of great amusement and instruction to the students. It will be our aim to carry on and improve this line of work during the coming session.

LITERARY SOCIETIES.

The Calliopean and Hermesian Societies have a history coeval with that of the College. In their management and character they challenge comparison with those of any other institution in the land. Many of the young men now directing them are the sons of men who in other years were active members. We deem it a matter of very great importance to foster them and to protect them from all influences that would impair their usefulness or endanger their permanency. Hence our objections to secret fraternities of all sorts. As now conducted, the Societies furnish the finest opportunities for practice and improvement in forensic discussions, elocution and English composition. Their halls are very commodious and well furnished. A monthly is published jointly by the Societies. It has thus far been conducted with singular prudence and success. Friends and former students of the College will materially aid and encourage the young men by subscribing for it. During the session a Public Debate is held by each Society. For dates of Public Debates, see Calendar.

PRIZE MEDALS.

1. For encouragement of proficiency in Oratory there has been established, through the liberality of **WYNDHAM ROBERTSON**, Esq., a sufficient and permanent fund, of

which the income, in the form of a gold medal, with expressive sentiments and emblems, is bestowed at each Annual Public Examination, upon the student in the Junior or Senior Class who excels in composition and declamation.

2. The Collins Prize for excellence in English Composition, founded by the late REV. CHARLES COLLINS, D.D., first President of the College, is to be awarded in the form of a gold medal.

3. To increase interest and promote scholarship in the Natural Sciences, a gold medal is annually awarded to the student who attains the highest grade in this department. The medal is furnished from a permanent fund established by the late Col. WILLIAM BYARS.

Candidates for the prize in Natural Science must attain to a required standard of proficiency in Botany, Natural Philosophy, Geology, Mineralogy and Chemistry.

4. During the session '88-89, Col. FRANK E. WILLIAMS, a graduate of the College, donated a permanent fund, the income from which is to furnish a handsome medal for Declamation, to be awarded to the best declaimer in the Freshman and Sophomore Classes.

THE SOCIETY OF THE ALUMNI.

This Association, composed of all the graduates of the College and of such other former students as may be elected members of the annual meetings, now numbers nearly five hundred, and is an important and interesting feature in the history and work of the College. It has its representatives in all parts of our Southern and Western country, also in Mexico, South America, Japan and China. Its annual meetings, held in June of each year, have been occasions of great interest. From their number one is selected to address the Society annually. The fires of

youthful enthusiasm are rekindled from a common altar as they meet to renew the memories of the past, and pledge to each other afresh the friendships begun in earlier days. In addition to these pleasing features, the object of the Society is to advance the interests of the College and promote letters and progress. The officers for the current year are :

President, H. C. STUART, Elk Garden, Va.

Vice-President, Rev. R. G. WATERHOUSE, D.D., Newbern, Va.

Secretary, PROF. JAMES A. DAVIS, Emory, Va.

HONORS.

The following students, having attained the highest average grades, were appointed monitors for the session of 1891-92 :

FALL TERM.

1. A. KINCAID, Tenn.	3. C. G. HOUNSHELL, Va.
2. C. W. RANKIN, Tenn.	4. R. L. TAYLOR, Tenn.

SPRING TERM.

1. M. C. WARREN, Ky.	3. J. M. MILLER, Va.
2. N. D. BACHMAN, Jr., Tenn.	4. E. W. HALE, W. Va.

Calliopean Medalists, June, 1891.

DEBATER'S, L. P. MILES, Va.

IMPROVEMENT IN DEBATE, B. D. ADAMS, Va.

*MAGAZINE MEDAL, D. D. HULL, Jr., Va.

Hermesian Medalists, June, 1891.

DEBATER'S, J. L. FOUST, Tenn.

IMPROVEMENT IN DEBATE, J. M. DICKEY, Va.

Wyndham Robertson Prize for Oratory, J. W. HAMILTON, Tenn.

* This medal is now given in both the Literary Societies.

Collins Prize for English Composition,
L. P. MILES, Va.

Frank E. Williams Prize for Declamation,
R. W. DAVIS, Va.

William Byars Science Medal,
W. M. MEREDITH, Va.

First Honor in Senior Class,
J. L. FOUST, Tenn.

Second Honor in Senior Class,
D. D. HULL, Jr., Va.

The Degree of Bachelor of Arts was conferred on :—

D. H. BISHOP, Va.	L. P. MILES, Va.
D. D. HULL, Jr., Va.	M. P. WARMUTH, Tenn.
J. L. FOUST, Tenn.	J. W. TAYLOR, Va.
	E. L. BAIN, Va.

The Degree of Master of Arts was conferred on :—

S. J. BROWN, Mo.	W. J. EDMONDSON, Va.
F. SILER, Mo.	J. T. DAVENPORT, Va.
	W. S. NEIGHBORS, Tenn.

The Degree of Doctor of Divinity was conferred on

REV. J. WILEY BLEDSOE, Va.

LIST OF ALUMNI SINCE 1887.

CLASS OF 1887.

EDMONDSON, WILLIAM J., Teacher, Glade Spring, Va.
GIBSON, GEORGE M., Minister, Mo.
JORDAN, T. ASHBY, Minister, Radford, Va.
NEIGHBORS, WILLIAM S., Minister, Dayton, Tenn.
*SHUMATE, LEWIS M., Dalton, Ga.
SUSONG, J. ALEXANDER, Lawyer, Newport, Tenn.
THOMAS, JOHN B., Student, Johns Hopkins University.

*Deceased.

CLASS OF 1888.

ANDERSON, ROBERT A., Teacher, Adwolfe, Va.
 BROWN, STONEWALL J., Minister, Va. Conference.
 MORISON, BENJAMIN R., Teacher, Texas.
 *NEWBILL, NATHANIEL G., Palestine, Texas.
 RAMBO, THOMAS B., Glade Spring, Va.
 SILER, FRANK, Minister, Mo. Conference.
 SPENCE, WALTER, Minister, Holston Conference.

CLASS OF 1889.

CARSON, ESTHENIUS V., Minister, Va. Conference.
 FANT, JOHN C., Newton, Miss.
 HENDERSON, PLESENT L., Teacher, Church Hill, Tenn.
 HUMPHREYS, ROBERT E. L., Professor Centenary College, Cleveland, Tenn.
 OGLESBY, NICHOLAS P., Jr., Teacher, Jackson's Ferry, Va.

CLASS OF 1890.

AMES, CHAS. B., Miss.
 BETTIS, ELBERT S., Minister student, Vanderbilt University.
 BROWN, CHAS. A., Teacher, W. Va.
 DANNENBAUM, HENRY, Law student, Seguin, Texas.
 FUGATE, HENRY W., Teacher, People's College, Tenn.
 GILLESPIE, WILLIAM M., Minister, S. W. Texas Conference.
 HAWK, D. EMORY, Teacher, Blountville, Tenn.
 SAYERS, ROBERT, Law student, University of Va.
 SAYERS, WILLIAM S., Medical student, University of Va.
 STANLEY, WALTER L., Law student, Wytheville, Va.

CLASS OF 1891.

BISHOP, DAVID HORACE.
 FOUST, JAMES LEONIDAS, Chattanooga, Tenn.
 HULL, DAVID DENTON, Jr., Law student, University of Va.
 MILES, LOVICK PIERCE, Editor, Radford, Va.
 TAYLOR, JOHN WESLEY, Teacher, Pearisburg, Va.
 WARMUTH, MITCHELL PEEBLES, Medical student, Smyrna, Tenn.

*Deceased.

ENDOWMENT.

Subscriptions amounting to over fifty thousand dollars have been secured as an endowment. Rev. J. M. Sharp, of Nashville, Tenn., has given five thousand dollars toward the endowment of an Emeritus Professorship.

FORM OF LEGACY.

I give and bequeath to the Trustees of Emory and Henry College, at Emory, Virginia, the sum of
..... dollars, for the benefit of said institution.

THE SEMI-CENTENNIAL CATALOGUE AND
HISTORICAL REGISTER.

This is a neatly printed and beautifully illustrated book of 160 pages recently published, containing a history of the College from 1837 to 1887, embellished by an engraving of the grounds and twenty-four well-executed likenesses of the Trustees and Faculty. The book contains the names of more than four thousand students, with their present residences and occupations so far as known. Through no other medium can so much be learned of the capabilities of the Institution, the good it has already accomplished, and its claim to public confidence and patronage. This book should be in the hands of every man once a student here, for in it he will find much to remind him of college days and old associates. It is mailed to applicants at thirty cents per copy.

SCHEME OF DAILY RECITATIONS.

FALL TERM.

8:00	8:40	9:20	10:00	10:20	11:00	11:40	12:20
Practical Arithmetic.	Mental Philosophy.	Natural Philosophy.		Mineralogy.	Junior Greek.	General Chemistry.	Analytic Geometry.
Sophomore Latin.	Sophomore Greek.	Advanced German.		Trigonometry.	Geometry.	Junior Latin.	Freshman Greek.
Physiology.	Freshman Latin.	Advanced French.		First German.	First French.	First Latin.	
First. Greek.	Elementary Algebra.	Sophomore English.		Second Latin.	Higher Algebra.	Freshman English.	Evidences of Christianity.
				Junior English.	Physical Geography.	Calculus.	

SPRING TERM.

8:00	8:40	9:20	10:00	10:20	11:00	11:40	12:20
Practical Arithmetic.	Moral Philosophy.	Natural Philosophy.		First German.	General Chemistry.	Geology.	Calculus.
Sophomore Latin.	Sophomore Greek.	Junior Greek.		Second Latin.	Advanced Astronomy.	Junior Latin.	Freshman.
Botany.	Freshman Latin.	Geometry.		Astronomy.	Surveying.	First Latin.	First Latin.
First. Greek.	Elementary Algebra.	First French.		First French.	Outlines of History.	Sophomore English.	Political Economy.
		Higher Algebra.		Higher Algebra.	Junior French.	Freshman English.	Logic.
					English.	English.	

The class in Analytical Chemistry will meet five times a week from 2 to 4 P.M. Hours for the classes in Engineering will be arranged to suit the classes. In Physical Culture each class meets for forty minutes four times a week.

1892.

CALENDAR.

1893.

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CATALOGUE

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THE GROUNDS AND BUILDINGS OF EMORY AND HENRY COLLEGE.

THE FIFTY-SIXTH
ANNUAL :- CATALOGUE

— OF —

EMORY AND HENRY COLLEGE,

EMORY, VIRGINIA,

WITH COURSES OF INSTRUCTION.

1892-93.



CINCINNATI, O.:
Elm Street Printing Co., 176 and 178 Elm Street,
1893.

Calendar 1893-94.

1893.

JUNE 4, 11:00 A.M.—Baccalaureate Sermon, by Rev. Y. J. Allen, D.D., Shanghai, China.

JUNE 4, 4:00 P.M.—Sermon before Y. M. C. A., by Rev. J. A. Burrow, Knoxville, Tenn.

JUNE 5, 2:00 P.M.—Annual Meeting of the Board of Trustees.

JUNE 5, 8:00 P.M.—Contest for the Williams Medal for Declamation.

JUNE 6, 10:00 A.M.—Contest for the Robertson Prize Medal for Oratory.

JUNE 6, 11:00 A.M.—Annual Address before the Alumni Association, by Hon. Joseph C. Wysor.

JUNE 6, 4:00 P.M.—Meeting of Alumni Association.

JUNE 6, 8:00 P.M.—Anniversary Celebration of the Hermesian Literary Society.

JUNE 7, 10:00 A.M.—Commencement Day. Addresses by the Graduating Class; Conferring of Degrees and Award of Medals.

JUNE 7, 11:00 A.M.—Annual Address before the Calliopean and Hermesian Literary Societies.

JUNE 7, 8:00 P.M.—Anniversary Celebration of the Calliopean Literary Society.

SEPTEMBER 14 (Thursday), 9:00 A.M.—Beginning of the Next Session.

LAST SATURDAY IN OCTOBER.—Field Day for Athletic Sports.

NOVEMBER 17, 7:30 P.M.—Public Debate of the Hermesian Literary Society.

1894.

JANUARY 25.—Beginning of the Spring Term.

FIRST FRIDAY IN MAY.—Field Day for Athletic Sports.

APRIL 13, 7:30 P.M.—Public Debate of the Calliopean Literary Society.

JUNE 10-13.—Commencement.

Faculty.

REV. JAMES ATKINS, M.A., D.D. President.
(Emory and Henry College.)
Professor of Psychology and Ethics.

REV. EDMUND LONGLEY, M.A.,
(Wesleyan University.)
Professor of French.

REV. JAMES A. DAVIS, M.A.,
(Emory and Henry College.)
Professor Emeritus of Natural Sciences.

SAMUEL M. BARTON, PH.D.,
(University of Virginia.)
Professor of Pure and Applied Mathematics.

JOSEPH L. JARMAN,
(Graduate of University of Virginia.)
Professor of Natural Sciences.

REV. RICHARD G. WATERHOUSE, M.A., D.D.,
(Emory and Henry College.)
Professor of English and Adjunct Professor of Ancient Languages.

ARTHUR T. WALKER, M.A.,
(Vanderbilt University.)
Professor of Ancient Languages and German.

R. K. SUTHERLAND..... Tutor in Mathematics.

ROBERT L. TAYLOR..... Instructor in Gymnasium.

Officers of the Faculty.

REV. JAMES ATKINS, Chairman.

PROF. S. M. BARTON, Secretary.

PROF. A. T. WALKER, Librarian.

R. K. SUTHERLAND, Assistant Librarian.

Board of Trustees.

*REV. E. E. WILEY, M.A., D.D.
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H. C. STUART, Esq.
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JUDGE H. H. INGERSOLL.
MATTHEW H. BUCHANAN.
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REV. E. E. HOSS, D.D.
CAPT. D. D. HULL.
COL. JNO. W. PAULETT.
REV. JNO. E. NAFF.
REV. L. K. HAYNES.
COL. E. C. REEVES.
REV. JAMES ATKINS, D.D.
GEO. E. PENN, Esq.
REV. GEO. D. FRENCH.
REV. W. H. PRICE, M.D
REV. JAMES S. KENNEDY, D.D.
HON. JAMES D. JOHNSTON.
REV. K. C. ATKINS.
J. S. APPERSON, M.D.

*Deceased. Place to be filled by election at June meeting.

Officers of the Board.

GEO. W. PALMER, Esq., President.

REV. JAMES ATKINS, D.D., Treasurer.

GEO. E. PENN, Secretary.

REV. W. W. PYOTT, Financial Agent.

Executive Committee.

DR. JAMES ATKINS, Chairman.

*DR. E. E. WILEY.

PROF. JAMES A. DAVIS, Secretary.

GEN. JAMES S. GREEVER.

CAPT. D. D. HULL.

*Deceased.

Catalogue of Students.

POST-GRADUATE.

DAVID HORACE BISHOP.....Elk Garden, Va.

SENIOR CLASS.

COX, HARDIN ALEXANDER.....	Independence, Va.
DICKEY, JOHN McMILLAN.....	Independence, Va.
GRAHAM, JOHN PATTON.....	Pennington's Gap, Va.
MILLER, JAMES McTEER.....	Rural Retreat, Va.
MORGAN, RUFUS BROWN.....	Churchwood, Va.
PRICE, RICHARD NOEL, Jr.....	Morristown, Tenn.
PYOTT, EDWARD SPRING.....	Emory, Va.
SANDERS, DANIEL MILLER.....	Chilhowie, Va.
SUTHERLAND, ROBY KINSER.....	Wolf Glade, Va.
WILEY, EDWARD EMERSON.....	Emory, Va.

JUNIOR CLASS.

BOYLE, GEORGE WILLIAM.....	White Gate, Va.
CARLOCK, LACON HUBERT.....	Athens, Tenn.
DAVIS, CHARLES THOMAS.....	Bristol, Tenn.
FRAZIER, HENRY BOWEN.....	Radford, Va.
HUMPHREYS, CHARLES HENRY.....	Salem, Va.
LAWSON, JAMES LEE	Wytheville, Va.
MORRELL, WHEELER MURPHY.....	Blizzard, Tenn.
PEERY, GEORGE CAMPBELL.....	Cedar Bluff, Va.
PEERY, JOHN BROWN.....	Glade Spring, Va.
RANKIN, CHARLES WRIGHT.....	Jasper, Tenn.
ROBESON, JAMES MARVIN.....	Blountville, Tenn.
SLOAN, HOMER FERGUS.....	Smithville, Ark.
SURFACE, GEORGE THOMAS.....	Blacksburg, Va.
TAYLOR, ROBERT LEE.....	Cleveland, Tenn.
TERRELL, JAMES MILAS.....	Sonoma, N. C.
THOMPSON, BARNEY.....	Christiansburg, Va.

SOPHOMORE CLASS.

BUTLER, CHARLES ST. SOHN.....	Bristol, Tenn.
HATCHER, JOHN HENRY.....	Roanoke, Va.
HOUNSHELL, CHARLES GIDEON.....	Rural Retreat, Va.
JOHNSTON, JOHN CASPER BRANNER.....	Mossy Creek, Tenn.
JONES, GATES NEWTON.....	Jackson, Tenn.
MCCLURE, JOSEPH NEWTON.....	Douglass, Va.
MCNEIL, GEORGE STUART.....	Bristol, Tenn.
NEAL, THOMAS WILEY.....	Greenwood, Ark.
ST. CLAIR, CHARLES TIFFANY.....	Graham, Va.
THORNE, ARTHUR SULLIVAN.....	Princeton, W. Va.
WAGNER, LEVI NELSON.....	Memphis, Mo.

FRESHMAN CLASS.

AKERS, JEFFERSON DAVIS.....	Riner, Va.
BAKER, JOSEPH EVANS.....	Graham's Forge, Va.
BAKER, CHARLES HOWARD.....	Graham's Forge, Va.
BARBEE, DAVID RANKIN.....	Nashville, Tenn.
BUHRMAN, FRANCIS MARVIN.....	Glade Spring, Va.
BUHRMAN, WILLIAM PRICE.....	Glade Spring, Va.
CLARK, WILLIAM GRATTAN.....	Cooper's, West Va.
CORNELL, WALTER MUNSEY.....	Elk Creek, Va.
CROCKETT, PIERCE.....	Graham's Forge, Va.
FRAZIER, JAMES TYLER, Jr.....	Radford, Va.
HAYNES, LEE KERNAN.....	Kelly, Va.
HUNTER, FRED EUGENE.....	Elizabethton, Tenn.
JACKSON, FRANK YOE.....	Bristol, Tenn.
KENDRICK, GEORGE HENRY.....	Meadow View, Va.
MC GUIRE, JOSEPH ALBERT.....	Cedar Bluff, Va.
MILLER, CHARLES OVERTON.....	Rural Retreat, Va.
MUSTARD, WILLIAM LUTHER.....	Pocahontas, Va.
NEILL, SAMUEL, Jr.....	Rogersville, Tenn.
PRICE, WILLIAM HUMBERSON, Jr.....	Glade Spring, Va.
REPASS, FRANK PRESTON.....	Broad Ford, Va.
ROBERSON, ALEXANDER LAWRENCE.....	Jasper, Tenn.
ROBERTS, JOHN.....	Broad Ford, Va.
SANDERS, MARVIN.....	Chilhowie, Va.
WARREN, MANLY CLEMENT.....	Buchanan, Ky.
WELLS, PATRICK HAGAN.....	Wise C. H., Va.
YOUNG, JAMES WILEY.....	Bastrop, Texas.

PREPARATORY CLASS.

ALBERT, JOHN GLENN.....	Belfast Mills, Va.
ALDERSON, THOMAS GHENT.....	Wise C. H., Va.
ARMSTRONG, CHARLES GUTHRIE.....	Knoxville, Tenn.
BEATTIE, THOMAS WILLIAMS.....	Glade Spring, Va.
BEATTIE, WILLIAM MADISON.....	Glade Spring, Va.
BUCHANAN, FRANK ALDERSON.....	Meadow View, Va.
CHAMBERS, CHARLES WILLIAM	Abingdon, Va.
CHIDDIX, JOHN WESLEY.....	Emory, Va.
CHIDDIX, GEORGE PALMER.....	Emory, Va.
COLLINGS, DAVID ANDERSON.....	Saltville, Va.
COOPER, ELIJAH FREELY.....	Bluefield, Va.
FRAZIER, CHARLES CREED.....	Radford, Va.
GEORGE, ALBERT.....	Knoxville, Tenn.
GOODPASTURE, WILLIAM ALFRED.....	Emory, Va.
GOOLSBY, ROBERT GARY.....	Marion, Va.
HAYNES, WILLIAM P.....	Knoxville, Tenn.
HORNE, WILLIAM BASIL.....	Glade Spring, Va.
HOWARD, PETER LATHAM, Jr.....	Floyd, Va.
JENNINGS, STEPHEN RICHARD.....	Camp, Va.
KINCAID, HENRY PATTON	Clinton, Tenn.
MAIDEN, SYLVESTER McCONNELL.....	Emory, Va.
MEARS, CLARENCE LOMAN.....	Asheville, N. C.
MEARS, CLYDE EUGENE.....	Asheville, N. C.
MILLAR, PEARL PIERCE.....	Rural Retreat, Va.
MORTON, JAMES EDWARD.....	Graham, Va.
PEERY, HARVEY FIELDING	Kelly, Va.
PEERY, HARVEY GEORGE.....	Tazewell, Va.
PORTERFIELD, WILLIAM BRECKENRIDGE	Glade Spring, Va.
PYOTT, FRANK CLARK.....	Emory, Va.
PYOTT, WILLIAM WIGHTMAN.....	Emory, Va.
REPASS, JAMES WALTER.....	Ceres, Va.
SAYERS, DANIEL WEBSTER	Sayersville, Va.
SAYERS, HENRY DAVIS.....	Barren Springs, Va.
SNODGRASS, OSCAR ALMERINE.....	Meadow View, Va.
TAYLOR, JOHN WHITMAN.....	Cleveland, Tenn.
WALKER, ALFRED WALLACE.....	Knoxville, Tenn.
WARREN, EWELL LEE.....	Radford, Va.
VAUGHT, SIDNEY BAYS.....	Mossy Creek, Tenn.

SELECT CLASS.

BREESE, WILLIAM EDMUND, Jr.	Asheville, N. C.
GEORGE, EDGAR	Knoxville, Tenn.
GODWIN, WILLIAM HENDERSON	Mossy Creek, Tenn.
GRAHAM, RALPH SUTTON	Rocky Station, Va.
HAWKINS, JOHN CHARLES	Leadvale, Tenn.
KINCAID, ALVIS	Clinton, Tenn.
McCANLISS, SAMUEL ALEXANDER	Mossy Creek, Tenn.
MCCHESNEY, SAMUEL RHEA	Bristol, Tenn.
NEWLAND, THOMAS MARVIN	Asheville, N. C.
SHEPARD, FRANK ROBERT	Asheville, N. C.
WILEY, CHARLES EMERSON	Saltville, Va.

SUMMARY.

Post-Graduate	1	Freshman	26
Senior	10	Preparatory	38
Junior	16	Select	11
Sophomore	11		
Total			113.

COURSE OF INSTRUCTION.

GENERAL STATEMENTS.

Applicants for admission to any of the College classes are required to give satisfactory evidence of their fitness therefor; and students, to be admitted to an advanced class in any course for graduation, will be required to make up any deficiencies in subjects which precede their point of entrance.

The importance of thorough preparation in elementary studies is urged upon all; it is greatly advantageous to every student to enter one of the regular courses for graduation, and to pursue the subjects in the prescribed order. All students must conform to the schedule of studies published herein. Students from other chartered institutions must bring certificates of honorable dismissal.

Classes meet five times a week. Forty minutes is allowed to each recitation.

COLLEGIATE COURSE.

Bachelor of Arts Degree.

FRESHMAN YEAR.

FALL TERM.

Latin.—Nepos ; Grammar and Exercises.

Greek.—Xenophon ; Grammar and Exercises ; Geography.

Mathematics—Higher Algebra.

English.—Grammar and Literature.

Physical Culture.

SPRING TERM.

Latin.—Virgil ; Grammar and Exercises.

Greek.—Lysias ; Grammar and Exercises ; History.

Mathematics.—Geometry.

English.—English Composition and Literature.

Physical Culture.

SOPHOMORE YEAR.

FALL TERM.

Latin.—Cicero ; Grammar and Exercises ; Literature.

Greek.—Plato ; Grammar and Exercises ; Antiquities.

Mathematics.—Plane and Spherical Trigonometry.

English.—Practical Rhetoric ; Prose Literature.

Physical Culture.

SPRING TERM.

Latin.—Horace ; Grammar and Exercises ; Literature.

Greek.—Homer ; Grammar and Exercises ; Mythology.

Mathematics.—Surveying.

English.—Art of Poetics ; English Poets.

Physical Culture.

JUNIOR YEAR.

FALL TERM.

Latin.—Tacitus ; Grammar and Exercises ; Literature.

Greek.—Demosthenes ; Grammar and Exercises ; Literature.

Mathematics.—Analytic Geometry.

English.—Shakespeare and Shakespearean Grammar ; Literature.

Physical Culture.

SPRING TERM.

Latin.—Horace ; Grammar and Exercises ; Literature.

Greek.—Sophocles ; Moods and Tenses, Exercises ; Metre.

Logic ; Political Economy.

English.—Shakespeare and Shakespearean Grammar ; Literature.

Physical Culture.

SENIOR YEAR.

FALL TERM.

General Chemistry.

Natural Philosophy.

Intellectual Philosophy.

Philology and Biblical Literature.

Physical Culture.

SPRING TERM.

General Chemistry.

Natural Philosophy.

Moral Philosophy.

Astronomy.

Physical Culture.

Bachelor of Science Degree.**FRESHMAN YEAR.****FALL TERM.**

Mathematics.—Higher Algebra.

French.—Grammar.

Physiology.

English.—Grammar and Literature.

Physical Culture.

SPRING TERM.

Mathematics.—Geometry.

French.—Grammar.

Botany and Physical Geography.

English.—English Composition and Literature.

Physical Culture.

SOPHOMORE YEAR.**FALL TERM.**

Mathematics.—Plane and Spherical Trigonometry.

German.—Meissner's Grammar.

French.—Prose Writers ; Grammar.

English.—Practical Rhetoric ; Prose Literature.

Physical Culture.

SPRING TERM.

Mathematics.—Surveying.

German.—Meissner's Grammar and Brandt's Reader.

French.—Poets ; Grammar and Literature.

English.—Art of Poetics ; English Poets.

Physical Culture.

JUNIOR YEAR.

FALL TERM.

Mathematics.—Analytic Geometry.
General Chemistry.
German.—Schiller ; Whitney's Grammar and Exercises ;
Literature.
English.—Shakespeare and Shakespearean Grammar ;
Literature.
Physical Culture.

SPRING TERM.

Geology.
General Chemistry.
German.—Goethe ; Whitney's Grammar and Exercises ;
Literature.
Political Economy and Logic.
Physical Culture.

SENIOR YEAR.

FALL TERM.

Mathematics.—Calculus.
Natural Philosophy.
Mineralogy.
Analytical Chemistry.
Physical Culture.

SPRING TERM.

Mathematics.—Calculus.
Natural Philosophy.
Astronomy.
Analytical Chemistry.
Physical Culture.

NOTE.—The B. A. Course in Latin may be substituted for French and German, as a requirement for the B. S. Degree.

The four years in French and German may be substituted for the Greek of the B. A. Course.

The course in History assigned to the respective classes is explained in detail elsewhere.

In addition to the above studies, weekly exercises are required of all students in Composition and Elocution, except the members of the Senior Class, and these are required to deliver original orations in the Chapel before the Faculty and students.

THE DEPARTMENTS AND METHODS.

INTRODUCTORY STATEMENT.

Any student coming from another institution and desiring to enter a college class in any department must give satisfactory evidence, by examination or otherwise, that he has done all the work required of the classes below the one he is to enter.

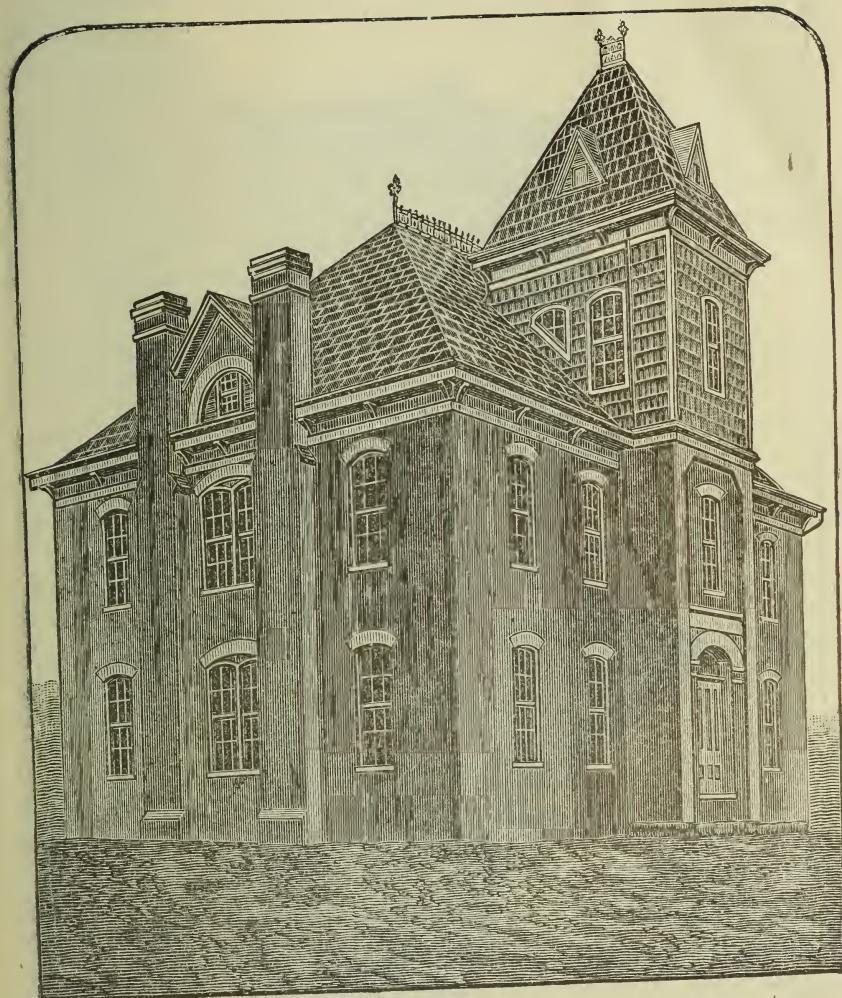
If deficient on any portion of that work, but admitted conditionally, the condition must be removed by an examination before the end of the term in which he enters.

The same rule applies to students who are conditioned on any intermediate or final examination. If the condition is not removed by a satisfactory examination before the end of the term immediately following, the student must again do in class the work of the term in which he failed.

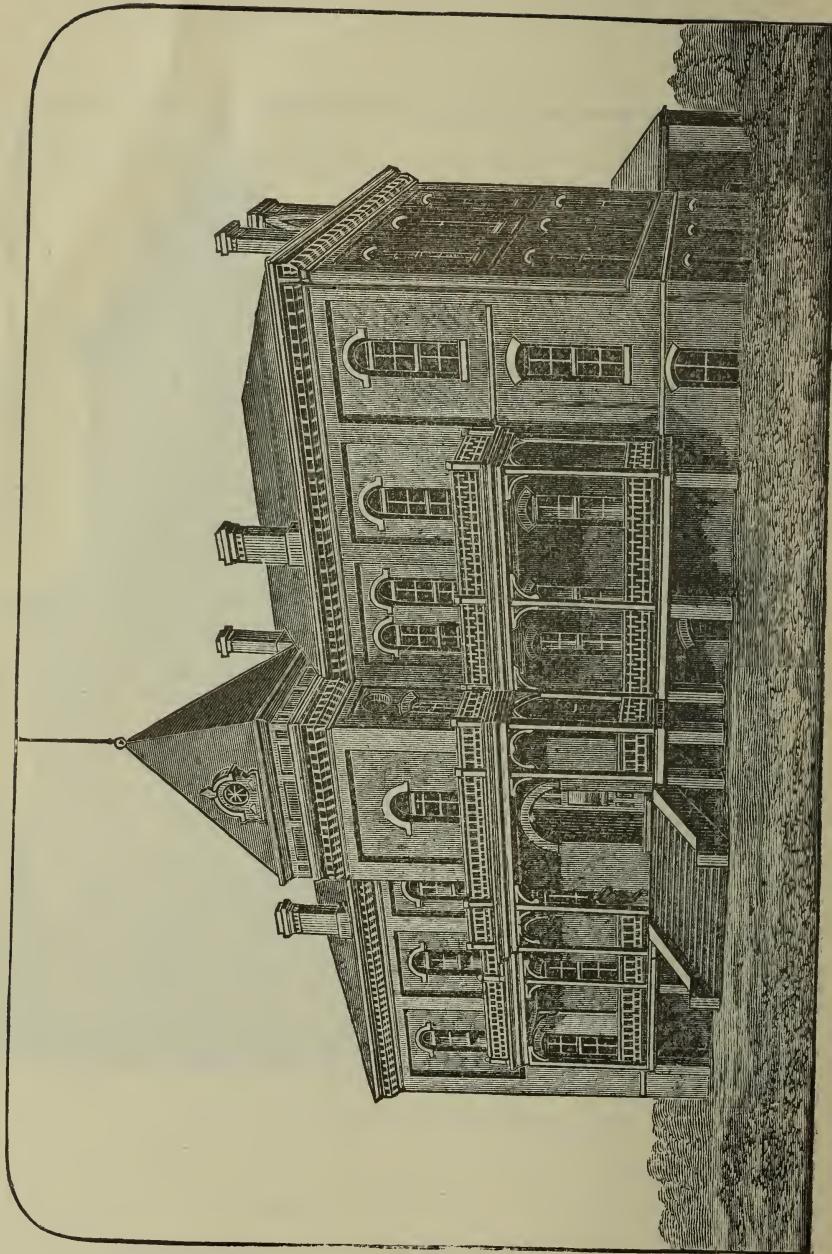
Psychology and Ethics.

PRESIDENT ATKINS.

The plan adopted in this Department is a discreet combination of the recitation and the lecture. Pupils are required to make careful preparation upon the texts assigned for daily work. The subject matter of the recitation is made the basis of the lecture, which contemplates the double purpose of inspiring original thought and of leading the pupil into the wider literature of the subject in hand. With a just recognition of the materialistic and even metallic tendencies of the day, one of the prime objects of the teacher is to inspire a love of these noble sciences, and thereby to exalt the love of intellectual and spiritual life in the pupils.



WM. MORROW SCIENCE HALL.



BYARS HOUSE.

Text-books. — Moral Science: Gregory's Christian Ethics.

Mental Science: Porter's Intellectual Science.

The class in Political Economy is thoroughly instructed in the fundamental principles of the science. After that, special attention is given to the vexed questions pertaining to Capital and Labor, the Tariff, and the Currency. The student is encouraged to investigate for himself, and, in order to induce study and thought, subjects are assigned for discussion by members of the class.

Perry's text is used as the basis of class-work.

Elements of Psychology, by Noah K. Davis, will be used next year.

English.

PROFESSOR WATERHOUSE.

The aim of this Department is to assist the pupil to an intelligent and appreciative use of his mother tongue. To this end he pursues, under the guidance of his teacher, three distinct lines of study: English Language, History and Literature.

I. THE LANGUAGE.

The *Freshman year* begins with Higher Grammar, presupposing full knowledge of elementary principles, and concludes with the study and practice of *Composition*.

The *Sophomore year* is given to study of the practical elements of *Rhetoric*, and to consideration of the origin, kinds and qualities of *Poetry*.

In the *Junior year* the Language is studied in best specimens of Classic English, especially Shakespeare; and essays on assigned subjects are required.

In the Fall Term of the *Senior year* the student's attainments in other languages are turned to account through a

study of English Philology, thus adding depth and clearness to his understanding of words.

II. HISTORY.

The course in History is brief but important, consisting of about forty lessons in *English History* proper, and an equal number in the *histories* of those great peoples who have modified and enriched English speech. These lessons are deemed indispensable to an intelligent study of our Language and Literature.

III. THE LITERATURE.

The course in Literature begins with the *Sophomore year*. The student is made familiar with the great names in English Letters through biographical sketches, outlines of their works, and discussion in style.

The *Junior year* deals mainly with the philosophy and characteristics of English Literature, giving the student a comprehensive view of the whole, enabling him to appreciate the excellencies and recognize the imperfections, to better understand his race and know the treasures of our tongue.

In the *Fall Term* of the *Senior year* selections from our English Bible are studied as Literature, and the influence of Biblical diction on English speech is recognized and traced.

The Course in English.

I. FRESHMAN YEAR.

1. **FALL TERM.** — Higher Grammar, Exercises, three times a week ; English History, Selections, twice a week.

II. SPRING TERM. — English Composition, Exercises, three times a week ; General History, Selections, twice a week.

II. SOPHOMORE YEAR.

I. FALL TERM.—Practical Rhetoric, Exercises, three times a week ; English Prose writers, Selections, twice a week.

II. SPRING TERM.—Art of Poetics, Exercises, three times a week ; English Poets, Selections, twice a week.

III. JUNIOR YEAR.

I. FALL TERM.—English Literature, three times a week ; Shakespearean Studies, twice a week.

II. SPRING TERM.—English Literature, three times a week ; English Classics, Selections, twice a week.

IV. SENIOR YEAR.

I. FALL TERM.—Philology, three times a week ; Biblical Literature, twice a week.

Text-books :

Freshman Year. — Bain's Grammar ; Nichols' Composition ; Gardiner's Student's English History ; General History.

Sophomore Year. — Genung's Practical Rhetoric ; Minto's Manual of English Prose Literature ; Minto's Characteristics of English Poets ; Gummere's Art of Poetics.

Junior Year. — Shakespeare's Plays ; Abbott's Shakespearean Grammar ; Taine's English Literature ; The Student's Series of English Classics.

Senior Year. — Earle's Philology ; The English Bible.

Ancient Languages.

PROFESSOR WALKER.

During the Freshman year, in both Latin and Greek, two written exercises are required weekly ; in the Sophomore and Junior years only one is required each week, and one recitation is devoted to the study of some hand-book of Literature, Antiquities, etc. In this way the histories of Greece and Rome are studied in the Sophomore year, the lecture-room being properly provided with the wall maps necessary for such study. Throughout the entire course a portion of the grammar is assigned for daily recitation.

1. Latin.

The course in Latin is as follows :

Freshman Year.—The authors read are Sallust and Vergil. In the grammar the more important parts of the syntax are studied, especial attention being given to the cases.

Sophomore Year.—The authors read are Cicero and Horace. The study of the grammar is directed more particularly to the syntax of the verb, and in connection with Horace the metres are carefully studied. Roman History and the History of Roman Literature are taught during this year.

Junior Year.—In the fall term the twenty-second book of Livy and the Agricola of Tacitus are read, and in the spring term one play each of Plautus and Terence. In the grammar a more thorough study is made of the whole syntax. One recitation a week is given to the study of Mythology and Roman Antiquities.

The course in Latin :

I. FRESHMAN YEAR.

FALL TERM.—Sallust.

SPRING TERM.—Vergil.

II. SOPHOMORE YEAR.

FALL TERM.—Cicero ; History.

SPRING TERM.—Horace ; Literature.

III. JUNIOR YEAR.

FALL TERM.—Livy ; Tacitus ; Antiquities.

SPRING TERM.—Plautus ; Terence ; Mythology.

Text-books :

Gildersleeve's Latin Grammar ; Gildersleeve's Exercise Book ; Greenough's Vergil ; Johnston's Cicero ; Allen's History of the Roman People ; Macleane's Horace ; Morris' Manual of Classical Literature ; Lord's Livy ; Hopkins' Tacitus ; Wilkins' Roman Antiquities ; Sloman's Adelphi of Terence ; Seemann's Classical Mythology.

2. Greek.

The course in Greek is as follows :

Freshman Year.—Xenophon's *Anabasis* and the *Orations of Lysias* are read. In the grammar the whole of Part I. and the coarse print relating to syntax are studied.

Sophomore Year.—In the fall term Plato's *Apology* and *Crito* are read, and a more thorough study is made of the syntax in the grammar. Homer's *Iliad* is read in the spring term and a study of the Homeric dialect is made. Greek History and the History of Greek Literature are taken up this year.

Junior Year.—In the fall term the *Philippi* of Demosthenes are read ; and in the spring term two tragedies of Euripides, with a study of the metres. Throughout

the year Goodwin's Greek Moods and Tenses is used as a text-book. Greek Antiquities and Classical Geography are studied.

The course in Greek :

I. FRESHMAN YEAR.

FALL TERM.—Xenophon.

SPRING TERM.—Lysias.

II. SOPHOMORE YEAR.

FALL TERM.—Plato ; History.

SPRING TERM.—Homer ; Literature.

III. JUNIOR YEAR.

FALL TERM.—Demosthenes ; Antiquities.

SPRING TERM.—Euripides ; Geography.

Text-books :

Goodwin's Greek Grammar ; Goodwin's Greek Moods and Tenses ; Sidgwick's Greek Prose Composition (for Junior year) ; White's Anabasis ; Stevens' Lysias ; Dyer's Apology and Crito ; Fyffe's Greek History ; Seymour's School Iliad ; Morris' Manual of Classical Literature ; Mahaffey's Greek Antiquities ; Verrall's Medea ; Tozer's Classical Geography.

French.

PROFESSOR LONGLEY.

The aim of this Department is to give such a knowledge of the French language to those who complete the course as will enable them to put, with some degree of fluency, the simple English idioms into French, and to translate, at sight, the common conversation and literary productions of the French into English. A simple parrot like reproduction of this foreign tongue is altogether avoided, and the

forms, syntax, etymologies and idioms of the language are closely studied from the start. Also the history of the language, as it was developed from the Latin, is touched upon. There are frequent readings aloud to perfect the pronunciation and to give facility of utterance. At intervals the professor reads aloud to accustom the ear of the student to the spoken language. Weekly exercises in putting English into French are written, handed in to the professor and corrected by him, after which he calls attention to the errors in them, and puts a correct copy on the blackboard.

I. The First Year in French is taken up with acquiring an accurate pronunciation and mastery of the grammatical forms and common laws of syntax. Easy stories in prose from modern French writers are read daily in class.

II. In the Second Year, the best French authors are read. The drill on the Grammar is kept up daily, and the pronunciation is carefully guarded. Exercises in putting English into French are prominent throughout the year. Lectures on the history of the French language are delivered, showing the origin of the words, as well as the structure of the sentences, as they were gradually developed from the Romanic dialects. In the latter half of the year, the history of the literature is studied and lectured upon once a week.

The text-books for the above course are as follows :

I. *First Year*.—Otto's French Grammar ; Historiettes Modernes (Fontaine) ; Lamartine's Jeanne d'Arc.

II. *Second Year*.—Otto's French Grammar ; Harrison's French Syntax ; Corneille's Le Cid ; Moliere's Le Misanthrope ; Knapp's French Readings ; La Litterature Francaise Classique (Pylodet) ; Racine's Athalie ; Masson's or Gasc's Dictionary.

German.

ACTING PROFESSOR WALKER.

The class begins with the study of Joynes-Meisnser's Grammar, and after a few weeks one or two days a week are given to the reading of the easier selections in Joynes' German Reader. In the spring term three days a week are given to the reading of simple German stories. Throughout this first year two or more written exercises are required weekly.

In the advanced class Part III. of Joynes-Meissner's Grammar is used, and one exercise is required each week. In the fall term Schiller is read; in the spring term, Goethe. During this year Hosmer's History of German Literature is studied.

The course in German :

I. SOPHOMORE YEAR.

FALL TERM.—Grammar; Reader.

SPRING TERM.—Grammar; Reader.

II. JUNIOR YEAR.

FALL TERM.—Wilhelm Tell; Literature.

SPRING TERM.—Faust; Literature.

Mathematics.

PROFESSOR BARTON.

I. PURE MATHEMATICS AND SURVEYING.

In all the classes in Mathematics, we emphasize, both in daily recitations and in examinations, the use of copious exercises and original problems, which not only test the degree of knowledge already attained and impress prin-

ples on the mind, but encourage independent investigation and tend to promote the highest development of thought. To elucidate the texts, or as an addition thereto, notes are given from time to time by the professor.

A knowledge of Algebra through Quadratics and of Plane Geometry is required for admission into the College Course. The course is, however, so arranged (see Preparatory Department) that a student who has not studied Plane Geometry, can begin Geometry in the second year of the Preparatory Course and complete it in the Spring Term of the Freshman year during the same scholastic session.

A class in Business Arithmetic is formed when there is a sufficient demand for it. For entrance into this class, a knowledge of Venable's Practical Arithmetic or an equivalent is necessary. The class in Business Arithmetic is generally a large one, and in this class the student is made familiar with the common business forms and methods of computation.

In the class in Trigonometry, especial attention is paid to logarithmic computation, and numerous problems are assigned illustrating its application to Surveying, Astronomy and Navigation. Any good logarithmic table may be used.

In the Fall Term of the Junior year, the subjects studied are: Analytic Geometry of two dimensions, Analytic Geometry of three dimensions, and Lectures on the History of Mathematics.

The course in *Astronomy*, consisting of Mathematical and Descriptive Astronomy, is varied somewhat from year to year. Original problems are assigned and the text is supplemented by lectures. A four-inch Refracting Telescope, charts, diagrams and globes add interest and effectiveness to the Department.

In the Senior year of the B. S. Course Differential Calculus is taught in the Fall, and Integral Calculus, with practical applications, in the Spring Term.

The department of *Surveying*, consisting of Plane Surveying and Leveling, is now equipped with fine instruments, which are described below, under Engineering. Five months are devoted to it, and especial prominence is given to practical work in the field. Instruction is furnished partly by text-book and partly by lecture. In the lecture-room the student is taught the general theory of Compass and Transit Surveying and Leveling, and is made familiar with the practical computation of areas and plotting. In addition, lectures are delivered on Topographical and Geodetic Surveying. In the field the student is made familiar with the use of the instruments in the measurement of areas, re-running old surveys, and exercises in Leveling.

Students of the Surveying Class are charged one dollar for the use of instruments.

Post-Graduate classes in Pure and Mixed Mathematics will be formed when there is a demand for such.

The regular studies are arranged as follows :

FRESHMAN YEAR—*Fall Term*, Algebra.

—*Spring Term*, Geometry.

SOPHOMORE YEAR—*Fall Term*, Trigonometry.

—*Spring Term*, Surveying.

JUNIOR YEAR—*Fall Term*, Analytic Geometry.

SENIOR YEAR—*Fall Term*, Differential Calculus.

—*Spring Term*, Integral Calculus, Astronomy.

Text-books for the above course are as follows :

Wentworth's College Algebra, Wentworth's Geometry (new edition), Carhart's Surveying, Wentworth's Analytic Geometry, Byerly's Calculus, Young's General Astronomy, Bryant & Stratton's Business Arithmetic, Wells' Essentials of Trigonometry.

II. ENGINEERING.

This course, which is designed for those who desire a more extended course in Surveying and Engineering than can be embraced in the regular curriculum, will be given if there are as many as *three* who wish to take it.

FIRST YEAR.

- (1) Theory and Description of Engineering Field Instruments, with Field Operations; General Methods and Fundamental Problems in Triangulation, Land, City and Railroad Surveying, Leveling, including the computation of earthwork; Determination of Heights and Distances by Stadia; Location and Construction of Roads and Railroads.
- (2) Elementary Mechanics.
- (3) Descriptive Geometry; Industrial and Engineering Drawing—Projections, Shades and Shadows, Topography, Blue Print Process of Copying.

The text-books for the above course are as follows :

Johnson's Theory and Practice of Surveying; Shunk's Engineer's Field-book; De Volson Wood's Elementary Mechanics; Millar's Descriptive Geometry.

The object of the course as laid down for the first year is twofold: First, as preparatory to more advanced work in our technical schools and higher universities; second, to give suitable preparation to young men desiring to enter at once upon practical field-work, and who do not feel themselves able to take a more extended course. It is believed that the information and practice thus obtained will be of very great benefit to the young engineer who goes direct from the class to join an engineering corps in the field. For this work a knowledge of Geometry and Plane Trigonometry is necessary.

For the accommodation of students desiring to pursue the subject further here, a second year will be provided if there is a sufficient demand for it. The work in the second year will be varied ; for example, one year Railroad Engineering will perhaps be mainly pursued ; another, Bridge Engineering will be the primary work, though general methods and practice in other fields will not be neglected.

The College is provided with new and improved instruments : A Vernier Compass ; Combined Transit and Level, with Vertical Arc and Stadia Wires ; Leveling Rod, Ranging Poles, Metal Tapes, Chains. Work in the field and the drawing-room will be carried on diligently and systematically throughout the year. The student will be required to apply the principles learned from text-book and lecture, and *to do for himself* the work that an engineer has to do. It will be the aim of the professor in charge to give the student such constant and persistent practice that he will become both quick and accurate in handling the instruments.

The charge for a student of Engineering, who has paid the regular College tuition of \$25 per term (\$50 per session), is \$15 per term (\$30 per session) ; or, in other words, an Engineering student pays \$40 per term (\$80 per session), and has the privilege of taking any or none of the College classes. It will often be to his advantage to attend some of the classes in Mathematics or the Natural Sciences.

The Engineering News is taken for the benefit of students of Engineering.

Natural Sciences.

PROFESSOR JARMAN.

PHYSICS.

This class meets five times a week throughout the entire session.

The instruction is given by recitations from text-books, illustrated by suitable experiments.

In the Fall Term the course consists of the discussion of the laws of motion, force and energy as applied to solids, liquids and gases. A great many problems are given illustrating the practical application of the laws governing the science.

In the Spring Term Molecular Physics is discussed, Heat, Light, Sound and Electricity; while due prominence is given to principles, frequent reference is made to the applications of the science.

Text-book :

Olmsted's College Philosophy.

In addition to regular tuition fee, students pay one dollar per term for use of apparatus.

GENERAL CHEMISTRY.

This course consists of five lectures a week throughout the entire session, and collateral reading in the text, the lectures being fully illustrated by suitable experiments.

In the Fall Term the subject of Inorganic Chemistry is taken up, embracing the study of chemical nomenclature, the writing of chemical formulæ, the laws regulating the combination of substances both by weight and volume, the history and description of the elementary substances, both

non-metallic and metallic, with their compounds, and the Atomic Theory as it is at present viewed.

A great many chemical problems are given throughout the course, illustrating the laws governing the science.

In the Spring Term Organic Chemistry is taken up and discussed in the order in which it is presented in Pinner's text-book, which is used in connection with lectures and experimental illustrations. In this course, the more common applications of Chemistry to the arts and manufactures are also alluded to.

Students in General Chemistry pay, in addition to regular tuition, a fee of \$2.50 per term.

The text-books for the above course are as follows :

FALL TERM.—Barker's Elementary Chemistry.

SPRING TERM.—Pinner's Organic Chemistry.

EXPERIMENTAL CHEMISTRY.

The only way to learn Chemistry thoroughly is to study it in the laboratory, and in view of this fact a course in Experimental General Chemistry will be given, supplementary to the *regular* course.

By studying Chemistry in this way the class will gain an unusually good knowledge of the subject, as they will have an opportunity to make all of the experiments involved in the course. While this course is entirely optional, the students are strongly urged to take it. This class meets three times a week, from 2 to 4 P.M.

ANALYTICAL CHEMISTRY.

The course consists of practical work done in the Laboratory, and extends through two years, the students being required to work at least ten hours a week throughout the course.

In the first year the subject of Inorganic Qualitative Analysis is treated fully, including Chemical Manipulation, Blow-pipe Analysis and Determination of Minerals, Qualitative Determinations being made of mixtures of Salts, Alloys, Minerals, etc.

In the second year the students are drilled in Quantitative Analysis, both gravimetric and volumetric. Complete Analyses of Ores, Minerals, Slags, Clays, Fertilizers, etc., are made, also considerable work in Assaying. Blow-pipe Analysis and Qualitative Analysis are continued through the second year.

Students applying for the B.S. degree are required to take only the first-year course, the second-year course being given to those wishing to continue their work in this line.

Text-books for the above course are as follows :

First Year.—Venable's Qualitative Analysis ; Fresenius' Qualitative Analysis ; Blow-pipe Analysis, by Erni ; Falls' Laboratory Manual.

Second Year.—Thorpe's Quantitative Analysis ; Fresenius' Quantitative Analysis ; Ricketts' Fire Assaying.

The William Morrow Science Hall consists of two stories. The first floor, consisting of five rooms, is devoted to chemistry purposes. The Laboratory is thoroughly equipped for instruction, being provided with every convenience for doing practical work, and exhibiting a complete series of experiments illustrating the lectures on General Chemistry. Contributions to the collection of minerals and ores will be thankfully received.

Arrangements made to analyze mineral waters, minerals, ores, furnace products, etc., at reasonable rates.

MINERALOGY.

This subject is studied in the Fall Term, and is taught by recitations from text-books and by practical work done in the Laboratory. The Theoretical course embraces a brief study of Crystallography. The students become familiar with the different forms by studying models which are furnished them, thus enabling them to recognize the simpler crystalline forms. The chemical and physical properties, mode of occurrence, etc., of the Minerals are also made prominent. The Laboratory course embraces a study of Blow-pipe Analysis and Determinative Mineralogy. The Laboratory Class meets three times a week, from 2 to 4 P.M.

Text-books for the above course are as follows :

Dana's Manual of Mineralogy ; Foye's Hand-book of Mineralogy.

GEOLOGY.

Geology is studied in the Spring Term.

Dynamical, Structural and Historical Geology are taught in the order in which they are discussed in the ordinary text-books, the chief aim being to drill the student in the theory of the science.

Text-book :

Le Conte's Compend of Geology.

PHYSIOLOGY.

In this study the students acquire a knowledge of the properties and actions of the various organs of the human body in their normal condition, together with their functions. Anatomy is taught only so far as is essential to a

clear understanding of the use and mode of working of each part of the body. This subject alternates with Physiology in the Fall Term, and is illustrated with an excellent manikin.

Text-book :

Martin's Human Body, and extensive Anatomical Charts.

BOTANY.

The study of Botany begins April 1st, and continues till the close of the session. Recitations daily. The course comprises the elements and principles of descriptive and systematic Botany. The student is required to write a description of a great many plants, thus familiarizing him with the terms used in describing flowers, and furnishing him with a clear knowledge of the plants dealt with. A large amount of analytical work is done, the class being provided with the more common plants, and taught how to determine their specific names. The students, after completing the course, will be enabled to analyze any of the ordinary plants in this section of the country. Each student is required to analyze and press twenty flowers, together with a written description of each.

Text-book :

Gray's Botany ; Winchell's Geological Studies.

Charges per term for Laboratory courses :

	<small>*Deposit for Apparatus.</small>	Material.	Tuition.
Analytic Chemistry	\$10 00	\$10 00	\$10 00
Experimental Chemistry	5 00	10 00	5 00
Determinative Mineralogy	2 50	5 00	....

*Students are charged with only what apparatus they break ; the balance is refunded them.

Students in General Chemistry taking experimental course are not required to pay additional fee in General Chemistry.

Course of study in Natural Sciences :

FRESHMAN YEAR—*Fall Term*, Physical Geography and Physiology.

—*Spring Term*, Botany.

JUNIOR YEAR—*Fall Term*, General Chemistry.

—*Spring Term*, General Chemistry, Geology.

SENIOR YEAR—*Fall Term*, Analytical Chemistry ; Mineralogy ;
Natural Philosophy.

—*Spring Term*, Analytical Chemistry, Natural
Philosophy.

Preparatory Department.

The work of the Preparatory Department is especially planned for properly preparing students for the Freshman Class in the College ; hence, only those subjects which are essential to an intelligent pursuit of collegiate studies are included in its course. The advantages of the Preparatory Department are especially designed for that considerable class of students who live in the country remote from good elementary schools. Students from towns which have schools of high grade are not encouraged to enter the Preparatory Department, though such will not be excluded. Great care has been taken to make this course thorough and beneficial, both in itself and as a preparation for the regular college work. The Faculty would earnestly call the attention of both pupils and parents to the great importance of thorough drill in these elementary branches, whether they be pursued here or elsewhere. Many a boy's taste for books is lost, and his future as a scholar blighted, by undue and unwise haste to *advance* in the course. And, while a boy's ambition should be encouraged, the prime importance of thoroughness should be impressed upon him.

This department is particularly convenient for those students who are prepared for the Freshman Class in all but one or two subjects, and yet do not wish to postpone entering college. Such students can very readily enter the Freshman Class, pursuing the subject in which they are backward in the Preparatory Department. The course at present consists of two years. Those entering the first year are expected to be proficient in elementary English Grammar, Geography, and Arithmetic through Denominate Numbers, Common and Decimal Fractions. The following is the course for the two years :

Preparatory Course.**FIRST YEAR.****FALL TERM.**

Practical Arithmetic.

Elementary Algebra.

Latin Grammar.

English Grammar.

History of United States.

SPRING TERM.

Practical Arithmetic.

Geography.

Elementary Algebra.

Latin Grammar.

Outlines of History.

SECOND YEAR.**FALL TERM.**

English Grammar.

Latin Grammar and Cæsar.

Geometry.

First Greek.

SPRING TERM.

English Grammar.

Latin Grammar and Cæsar.

Algebra.

First Greek ; Xenophon.

First Lessons in Composition.

Text-books in Preparatory Course :

First Year.—Venable's Practical Arithmetic, Swinton's Outlines of History, Butler's History of the United States, Longman's Junior School Algebra.

Second Year.—Bingham's Cæsar, Harkness' First Greek Book, Kelsey's Xenophon's Anabasis, Wentworth's Geometry, Wentworth's College Algebra.

PHYSICAL CULTURE.

R. L. TAYLOR, INSTRUCTOR.

“A sound mind in a sound body.”

After virtue, there is nothing upon which the happiness and usefulness of men so much depend as upon the conditions of the body. While this fact is well known to all intelligent and experienced persons who are striving by great endeavors to execute great purposes, it is a matter of which the young are hurtfully and almost universally ignorant. One of the first aims, therefore, of this department will be to impart to the pupil a proper conception of the value and sacredness of the body as the home, the working-place and the instrument of the spirit.

All pupils entering the College are expected to take such work in this department as their needs may demand, unless excused by the physician or the Faculty.

At the outset a physical examination will be given, and measurements and weights taken and recorded, so that the teacher may be prepared to modify the exercises to suit the special needs of pupils, and thereby build up the health and tone of each. There will be delivered at proper intervals lectures on Physiology and Hygienic Law by physicians and other competent lecturers. All exercises will be under the supervision of the teacher, and individual instruction will be given when needed.

There will be four drills in the Gymnasium each week, the time for this work being from four to six o'clock in the afternoon. Students may also join the morning class, which meets for special work at half-past six.

There will be three field days for Athletic Sports during the season. By action of the Faculty the Public Debate days and one afternoon of Commencement week have been set apart for this purpose. The system of training used is, in the main, that of Prof. D. L. Dowd, as taught by him in his school of physical culture in New York City. This system is strictly one of light weight exercise, thus avoiding all danger of strain or rupture.

The following is an outline scheme of the work done:

1. Breathing exercises. 2. Daily work with light dumb-bells. 3. Club swinging. 4. Body movements without weights. 5. Walking and running exercises. 6. Work with wall machines. 7. Drill work in gesture.

Special attention is given to the work on the wall machines, as it is believed that a more systematic development can be obtained from this exercise than from any other work in the Gymnasium.

In the morning class boxing, wrestling, putting the shot, throwing the hammer, and all kinds of jumping, will be taught. To this will be added instruction on the Campus in football, baseball and tennis.

The place for the indoor work of this department is the

SAM SMALL GYMNASIUM.

The building has capacity for seating sixteen hundred people. It is octagonal in shape, has five large doors, twenty double-hung windows, and gable and dome ventilation, so that the air within is as fresh as that without, and yet the openings are so arranged as to prevent a draught.

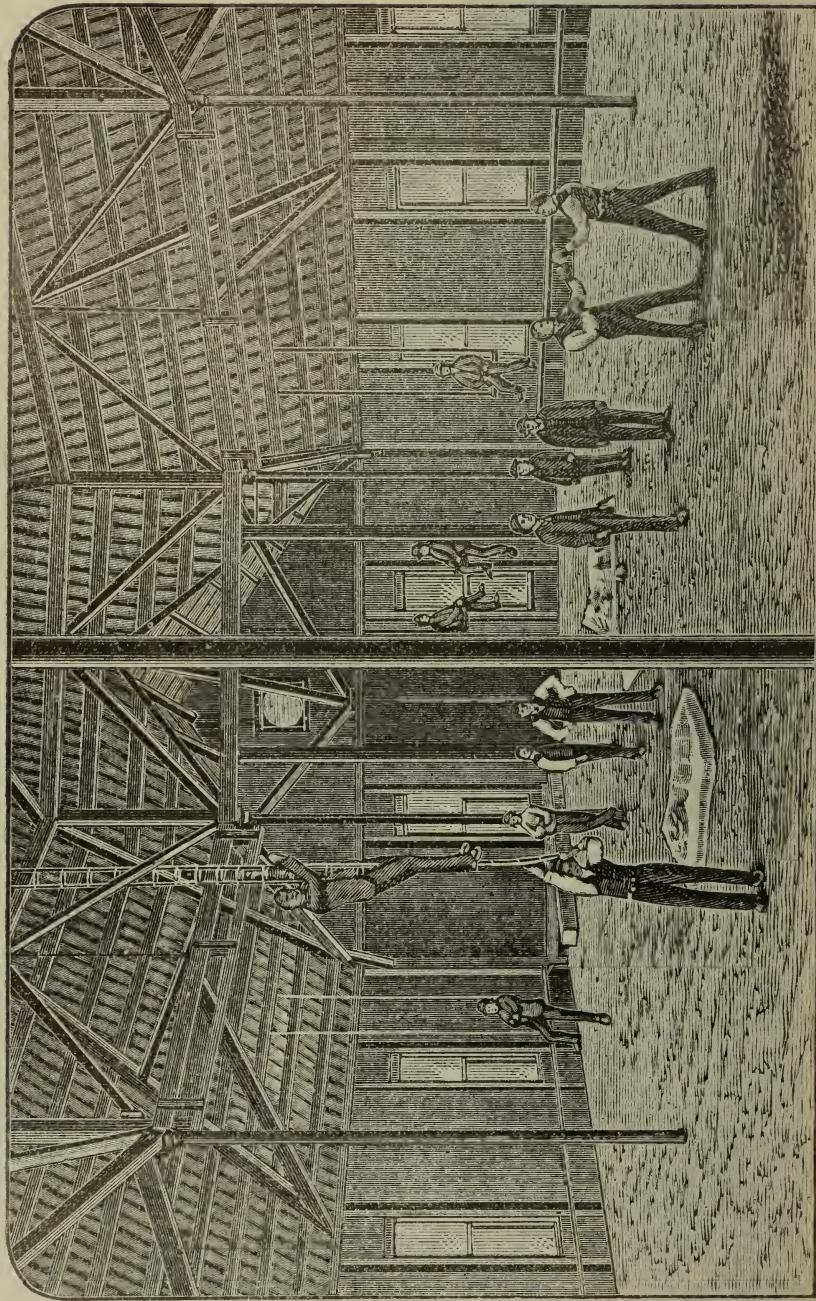
The place for out-of-doors work is the celebrated

COLLEGE CAMPUS,

which embraces twenty-two acres of shaded and open lawn set in blue grass, and contains a bold and gushing spring



THE SAM SMALL GYMNASIUM.



INTERIOR SAM SMALL GYMNASIUM.

of the best water known in this land of celebrated waters. The Campus, in addition to being a superb place for manly exercises, is also a vision of beauty which has an invigorating and refining effect upon all who drill within it.

There has been a marked physical improvement among the students during the present session both as to weight, strength and increase of lung power, and in the general freedom from sickness, and it is confidently believed that each succeeding year will bring with it still better results.

The fee in the department of Physical Culture is \$2.50 per term of five months.

EXAMINATIONS.

In addition to the examinations at the daily recitations, special examinations are conducted in writing at or near the end of each term. These special written examinations cover the subjects gone over during the whole term, and are made fair, yet searching, tests of the student's knowledge.

In the final valuation of grades, for all promotions, honors and diplomas, the class standing of students is taken into account, as kept from day to day by the different professors, and is valued at 25 per cent., while the written examination at the end of each term is valued at 75 per cent.; *i. e.*, out of a possible 100, 25 points are for class-standing and 75 points for the written term examination.

In the report of grades, the values of the daily recitations and written examination are considered together, and so recorded, and no separate valuation is announced.

The student is required to attain 70 per cent. of these combined examinations, as set forth above, in order to pass or graduate in any class. However, 50 per cent. will allow him to pass on from one class in the Collegiate Course

to the next as a "conditioned" student, but in no case is he allowed to graduate in the Collegiate Course and secure his degree without attaining 70 per cent. in each and every class in the course.

All students are required to attend these written examinations, and if they can not attain as much as 50 per cent., they are required to quit the class and enter a lower one. If they attain as much as 50 per cent., but fall below 70 per cent., they are permitted to advance, as stated above, being marked on the professor's record as "conditioned," and, before graduating, are required to stand such examination over again with a subsequent class. Two examinations on the same subject will not be given in one session to the same student.

The student who is applying for graduation will not be required to stand an examination during the year or session in which he is applying, nearer to the close of another examination required of him than the space of seventy-two hours. The schedule of examinations will be arranged each year with this in view.

CERTIFICATES OF PROFICIENCY.

Certificates of Proficiency, under the seal of the College, are awarded publicly on Commencement Day to any student attaining an average of seventy or more in all the English studies (Freshman English, Sophomore English and Junior English ; see Course), and in any two of the following departments :

1. Latin.
2. Greek.
3. Modern Languages (French and German).
4. Mathematics.
5. Natural Sciences.

DEGREES.

The Degree of Bachelor of Science is conferred on those who complete, by attaining 70 per cent. of the value of the examinations, the studies enumerated in the course prescribed for this degree under the Course of Instruction.

The Degree of Bachelor of Arts is conferred on those who complete, by attaining 70 per cent. of the value of the examinations, the studies enumerated in the course prescribed for this degree under the Course of Instruction.

The Degree of Master of Arts is conferred on those who have secured either of the above mentioned degrees and have sustained themselves honorably for at least three years in scholarly pursuits, upon their application for the degree, accompanied by the usual diploma fee, \$5.

The Honorary Degrees of Doctor of Divinity, Doctor of Sacred Theology and Doctor of Laws are conferred upon suitable persons by a unanimous vote of the Faculty and Board of Trustees. The College has always been, in a marked degree, guarded in conferring these degrees.

EXPENSES.

FOR TERM OF TWENTY WEEKS.

Tuition in Regular Course.....	\$25 00
Contingent fee.....	5 00
Library fee.....	1 00
Washing at College Laundry.....	6 50
Steam Heating, two students to a room, each.....	6 00
Room rent, " " " "	5 00
Physical Culture fee	2 50
Apparatus.....	50
<hr/>	
Total College charges per term.....	\$51 50

The above charges are payable in advance to the Treasurer of the College. This must be done, or a definite, satisfactory arrangement made with the Treasurer.

Board in the Byars Hotel, when paid in advance, is \$10 per month; board, with furnished room, fuel, light and servant's attendance, can be had at several private houses at \$15 per month.

Students who occupy rooms in the College building provide their own furniture; this will cost on an average of \$6 to \$10 each. This furniture will last the careful student as long as he remains at College, and can be sold at a fair price when he leaves, if well preserved.

No student is allowed, except by special permission, to take more than four daily studies, and then he is charged \$5 for each extra study.

A student entering at any time within the first quarter of the term is charged with tuition of the whole term; if at any time within the second quarter, he is charged with three-fourths; but in no case with less than the tuition of half a term.

No deduction is made in the College charges if a student leaves before the close of the term, unless it be for sickness, and that with the advice and consent of the Faculty.

Funds remitted for the payment of bills should be directed to the Treasurer of the College. Parents and guardians are urgently advised that young men at college have very little need of pocket-money, and in general it would be safest for the student, cheapest for the parent or guardian, and best for the College, to commit the funds of the students to the President, or to one of the professors, who will attend to his wants and discharge his bills. Trouble in the matter of discipline often arises from the fact that some of the students are supplied too freely with money. The College charges, in all cases, are required to

be satisfactorily settled before the student will be permitted to enter upon a second term. No student is allowed to graduate, nor will a certificate of honorable dismissal be given, till all arrearages are paid.

PRIVILEGED STUDENTS.

Tuition fees are remitted in the following cases:

1. Young men giving satisfactory evidence of their intention to preach and regularly licensed by their respective denominations.
2. The minor sons of ministers of any denomination engaged in the regular work of the ministry and dependent upon that for a support.
3. The minor sons of superannuated or deceased members of the Holston Conference M. E. Church, South.

Privileged students are expected to pay the Contingent and Library fees, room rent, and the charge for warming rooms occupied by them. In case of failure to meet these charges, the favor of free tuition will be withdrawn.

TERMS AND VACATIONS.

There are two terms in the year. The Fall Term begins on the second Thursday in September. The Spring Term begins on the Thursday before the first day of February. The scholastic year closes on Wednesday before the second Thursday in June. For closing exercises, see *Calendar*, page 2.

The time appropriated for vacation is believed to be ample for the purpose of relaxation from study; and in view of the unfavorable effect of all absences, either at the commencement or at any other period of the term, upon the standing and proficiency of the student, the Faculty

earnestly request that the parents and guardians in no case encourage, or even sanction, such absences without very urgent reasons.

TEXT-BOOKS.

Private parties have made arrangements to supply all needed text-books and stationery at reasonable prices.

QUARTERLY LETTERS.

At the close of each quarter a letter is addressed by the Faculty to the parents or guardian of each student, reporting his absence from the stated exercises, his general deportment and improvement, and any other information regarding him that seems proper to be given. To accomplish the object of these letters, it is hoped that the friends of the students will apply the encouragement or repression which the letter suggests.

GOVERNMENT.

The discipline of the College first proposes to the student self-government as the highest style of government, and seeks to surround him with a social atmosphere toned with honor, purity and piety. The deportment enjoined for maintaining membership and good standing in the College is defined by the morality of the Bible, the proprieties of gentlemen, and the fitness of our positive rules. The daily assembly of our College community for family instruction and devotion has been found promotive of the *esprit du corps* and sympathy essential to harmony and good order; therefore all students are required to be present with the professors in the Chapel at daily family worship,

which consists in the reading of the Scripture, singing and prayer.

Students are prohibited, on penalty of dismissal, from having or using intoxicating liquors or deadly weapons, and from organizing, or having active membership in, secret fraternities.

RELIGIOUS SERVICES.

REV. E. F. KAHLE, PASTOR (1892-93).

Public worship is held in the Chapel twice on each Sabbath. At the morning services the pulpit is filled successively by the pastor, President Atkins, Dr. R. G. Waterhouse, Dr. D. S. Hearon, and Prof. Edmund Longley. Attendance upon the morning service is required of all students, except such as have special permission to attend church elsewhere.

The evening services are conducted by the minister students. In these the young preachers find at once an excellent opportunity for gaining experience and of doing good to their fellow-students. These occasions are enjoyable and edifying, and although attendance upon them is wholly voluntary, it is usually good.

THE SABBATH-SCHOOL.

On Sunday morning, at 9:30 o'clock, the Sabbath-school meets, under the superintendence of Prof. J. L. Jarman. This study is according to the schedule of the International Lesson Texts. The Sabbath-school is divided into five Bible classes under the Professors. The influence of the admirable work done here is visible in an enlarged knowledge of the word of God, and in the moral tone which pervades the life of the pupils. While attendance

is voluntary, it is strongly urged. Parents may be of great assistance on this line, as the quarterly reports show whether or not their sons attend.

Voluntary daily and weekly prayer-meetings are found to contribute not a little to the cultivation of religious life among our young men.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

J. N. McCLURE, Pres.

S. B. VAUGHT, Sec.

It is the aim of this organization to bring young men to Christ, and to develop Christian manhood. Its methods are such as have been approved by the most experienced workers. Members of the State and International Committees make visits for the purpose of giving advice and encouragement, and delegates from the Association attend State Conventions, College and District Conferences, for the purposes of being spiritually strengthened and learning improved methods.

Voluntary services are held daily, except Saturdays, in the Association Hall. These meetings consist of song, prayer, Bible-readings, short talks, varying at the option of the leader. Wednesday nights have been set apart for public prayer-meetings, which the people of the community are urgently invited to attend.

The young men conduct the meetings, and nearly all the members take part. Voluntary Bible classes also meet weekly, one of which is led by President Atkins. His lectures, in connection with a large map of St. Paul's travels, afford an excellent opportunity for systematic Bible study, and render this meeting one of the most interesting of the week. The studies of this class are now in the letters of St. Paul.

Missionary meetings are held monthly, in which some

mission field is the topic, and its most important features discussed by previously appointed speakers, who have access to an excellent missionary library.

Lectures are delivered before the Association by prominent Christian speakers. This year these lectures were delivered by Rev. D. E. Hawk, Prof. A. T. Walker, Dr. R. G. Waterhouse, Rev. C. W. Chambers and Rev. James Hutton.

The work of the various officers and committees, as well as religious work in the community and personal work among the students, affords invaluable training for young Christians.

New students will have a warm reception in our new and beautiful audience-room at the William Morrow Science Hall. In this hall will be secular papers and the leading periodicals of all denominations. Sectarianism is not known in the Y. M. C. A. movement. The president and secretary invite the correspondence of any who contemplate entering College.

LOCATION.

We desire to call special attention to our location.

HEALTHFULNESS.—Retired and beautiful valley, twenty-one hundred feet above the level of the sea, with mountains abounding in mineral water, with a climate greatly sought after by persons from the malarial sections, never yet invaded by miasmatic or pestilential diseases.

FREEDOM FROM TEMPTATIONS.—The College owns the land for nearly a mile around it, and no one, not even a servant, may come upon the grounds unless adjudged to be a suitable person by the Faculty.

The sale of intoxicating liquors is prohibited now by law in the counties of Southwest Virginia.

ACCESSIBILITY.—The Norfolk and Western Railroad, a part of the great trunk line from the South to the North and East, passes through the College farm, and has a depot on the grounds. Persons coming from the South and Southwest should buy through tickets to Bristol, Tenn., and local tickets from there to Emory.

Emory, Va., is the name of the post-office, railroad station and express station. It is a money-order office.

There is a telegraph station at Meadow View, two miles distant.

BUILDINGS AND GROUNDS.

The main College building, which is a commodious brick edifice of the classic mould of its day, one hundred and fifty by forty-five feet, four stories high, is situated upon a commanding eminence in the Campus. It contains the Treasurer's office, six large lecture-rooms, and forty rooms for students. In the center of this building, on the second floor, is the Chapel, which seats comfortably three hundred persons. This room has been recently furnished with handsome cabinet seats and beautifully papered. It is adorned with two brass memorial tablets, one in memory of the first President, Rev. Charles Collins, D.D., the other in memory of those chivalrous spirits who went from our midst and fell on the field of battle; and especially those illustrious alumni, Gen. J. E. B. Stuart and Gen. Wm. E. Jones. The walls are hung with large portraits of the patron saints, Bishop John Emory and Patrick Henry, and with those of all the presidents of the institution, from its foundation to the present.

The Byars House is the College boarding-house and hotel. The building is entirely new, the old one having been burned about two years ago. It is of modern style, beautiful and convenient. It is kept by Mr. J. W.

Maiden. By a special act of the Board of Trustees, no pupil is allowed to room in the Byars House; but its rooms are to be kept for hotel purposes, so that all persons coming to Emory may be assured of comfortable and convenient accommodations.

The halls of the Calliopean and Hermesian Literary Societies occupy the whole of the third floor of this building. These halls are finely finished and superbly furnished. They are beautified by the contributions of cultured taste and a liberal expenditure of means, so that they are unsurpassed, possibly unequaled, by any halls of similar use in the nation. Here these celebrated societies, under the guidance of a progressive leadership, and impelled by the stirring and ennobling memories of a half century, meet once every week for forensic discussions, and to use other means for literary cultivation and manly development.

The Sam W. Small Gymnasium is a large, octagonal building, named for the noted evangelist whose public spirit and liberality were the largest contributors. The building is constructed with reference to a double use, viz.: during the session, for bodily exercise, and at the close, as a public auditorium. Its seating capacity is about sixteen hundred.

The Wm. Morrow Science Hall is named in honor of that philanthropic, generous Christian gentleman, Dr. Wm. Morrow. It contains a Chemical Lecture-room, Chemical Laboratory, Physical Lecture-room, Cabinet of Minerals and Fossils, Apparatus Rooms, room for Chemical Calculus; also lecture tables, students' working-tables of the most approved modern patterns, gas chambers with ventilating flues, etc. The building is supplied with gas for heat and light. It furnishes excellent advantages for instruction, both theoretical and practical, in Chemistry, with opportunities for analysis, for determination of minerals, for assay-

ing, for physical experiments, etc. It is built of brick, covered with metal shingles, and presents a handsome appearance in modern style.

The Campus contains twenty-three acres set in blue grass. At the east end is the famous spring, not to be forgotten by any one who has seen it, furnishing an abundant supply of the purest water.

Just without and encircling the Campus are the houses and grounds of the professors. To each professor's house there are attached five acres of rich limestone land.

The College is near the center of the College farm, which contains over five hundred acres.

LIBRARY.

In 1889 the Calliopean and Hermesian Literary Societies very generously donated their respective libraries to the College. This union of the three libraries has added to the efficiency of the Library as a whole, and it is believed that the good effects of this consolidation will be even more apparent in the future. The College Library thus augmented numbers now about eight thousand volumes, among which are many rare and valuable books. The Library is at present open twice a week. It has been the aim of the Faculty to secure a collection of books especially suited to the needs of college students. To this end new books are selected with great care. It is often well for the student to consult the Librarian as to the authors that treat subjects that he may wish to investigate; and, when asked to do so, the Librarian will gladly recommend a short course of reading.

Contributions should be sent to the Librarian, by whom all such donations will be promptly acknowledged. Duplicate copies of good books, new or well preserved, are always useful and acceptable.

This being a Government depository, the Library receives all the issues of the United States Government Press.

READINGS, CONCERTS AND LECTURES.

During the session there have been given in the Chapel a number of concerts, readings and lectures by the best talent that could be commanded. These have proved a source of great amusement and instruction to the students. It will be our aim to carry on and improve this line of work during the coming session.

LITERARY SOCIETIES.

The Calliopean and Hermesian Societies have a history coeval with that of the College. In their management and character they challenge comparison with those of any other institution in the land. Many of the young men now directing them are the sons of men who in other years were active members. We deem it a matter of very great importance to foster them and to protect them from all influences that would impair their usefulness or endanger their permanency. Hence our objections to secret fraternities of all sorts. As now conducted, the Societies furnish the finest opportunities for practice and improvement in forensic discussions, elocution and English composition. Their halls are very commodious and well furnished. A monthly is published jointly by the Societies. It has thus far been conducted with singular prudence and success. Friends and former students of the College will materially aid and encourage the young men by subscribing for it. During the session a Public Debate is held by each Society. For dates of Public Debates, see Calendar.

PRIZE MEDALS.

1. For encouragement of proficiency in Oratory there has been established, through the liberality of WYNDHAM ROBERTSON, Esq., a sufficient and permanent fund, of which the income, in the form of a gold medal, with expressive sentiments and emblems, is bestowed at each Annual Public Examination, upon the student in the Junior or Senior Class who excels in composition and declamation.

2. The Collins Prize for excellence in English Composition, founded by the late REV. CHARLES COLLINS, D.D., first President of the College, is to be awarded in the form of a gold medal.

3. To increase interest and promote scholarship in the Natural Sciences, a gold medal is annually awarded to the student who attains the highest grade in this department. The medal is furnished from a permanent fund established by the late Col. WILLIAM BYARS.

Candidates for the prize in Natural Science must attain to a required standard of proficiency in Botany, Natural Philosophy, Geology, Mineralogy and Chemistry.

4. During the session '88-89, Col. FRANK E. WILLIAMS, a graduate of the College, donated a permanent fund, the income from which is to furnish a handsome medal for Declamation, to be awarded to the best declaimer in the Freshman and Sophomore Classes.

THE SOCIETY OF THE ALUMNI.

This Association, composed of all the graduates of the College and of such other former students as may be elected members at the annual meetings, now numbers nearly five hundred, and is an important and interesting

feature in the history and work of the College. It has its representatives in all parts of our Southern and Western country, also in Mexico, South America, Japan and China. Its annual meetings, held in June of each year, have been occasions of great interest. From their number one is selected to address the Society annually. The fires of youthful enthusiasm are rekindled from a common altar as they meet to renew the memories of the past, and pledge to each other afresh the friendships begun in earlier days. In addition to these pleasing features, the object of the Society is to advance the interests of the College and promote letters and progress. The officers for the current year are :

President, MAJ. W. C. SANDERS, Wytheville, Va.

Vice-President, Rev. R. G. WATERHOUSE, D.D., Newbern, Va.

Secretary, PROF. JAMES A. DAVIS, Emory, Va.

HONORS.

The following students, having attained the highest average grades, were appointed monitors for the session of 1892-93 :

FALL TERM.

1. C. W. RANKIN, Tenn.	3. L. H. CARLOCK, Tenn.
2. H. F. SLOAN, Texas.	4. M. C. WARREN, Ky.

SPRING TERM.

1. A. W. WALKER, Tenn.	3. D. R. BARBEE, Tenn.
2. J. M. MILLER, Va.	4. W. M. CORNETT, Va.

Calliopean Medalists, June, 1891.

DEBATER'S, E. W. HALE, W. Va.

IMPROVEMENT IN DEBATE, C. T. DAVIS, Tenn.

Hermesian Medalists, June, 1891.

DEBATER'S, W. M. MORRELL, Tenn.

IMPROVEMENT IN DEBATE, R. L. TAYLOR, Tenn.

Wyndham Robertson Prize for Oratory.

E. K. BACHMAN, Tenn.

Collins Prize for English Composition.

C. H. SHANNON, Va.

Frank E. Williams Prize for Declamation.

J. M. TERRELL, N. C.

William Byars Science Medal.

W. L. UMBARGER, Va.

First Honor in Senior Class.

C. H. SHANNON, Va.

Second Honor in Senior Class.

E. K. BACHMAN, Tenn.

The Degree of Bachelor of Arts was conferred on :—

E. K. BACHMAN, Tenn.	J. H. JENNINGS, Va.
S. E. CROW, Wash.	J. W. NEAL, Tenn.
E. V. GRAHAM, Va.	J. J. PRITCHETT, Mo.
E. W. HALE, W. Va.	C. H. SHANNON, Va.

The Degree of Bachelor of Science was conferred on :—

W. L. UMBARGER, Va.

The Degree of Master of Arts was conferred on :—

B. R. MORISON, Tex.	J. C. FANT, Miss.
P. L. HENDERSON, Tenn.	R. E. L. HUMPHREYS, Tenn.

The Degree of Doctor of Divinity was conferred on :—

REV. H. M. DU BOSE, Col.

LIST OF ALUMNI SINCE 1887.

CLASS OF 1887.

EDMONDSON, WILLIAM J., Teacher, Glade Spring, Va.
 GIBSON, GEORGE M., Minister, Mo.
 JORDAN, T. ASHBY, Minister, Radford, Va.
 NEIGHBORS, WILLIAM S., Minister, Dayton, Tenn.
 *SHUMATE, LEWIS M., Dalton, Ga.
 SUSONG, J. ALEXANDER, Lawyer, Newport, Tenn.
 THOMAS, JOHN B., Student, Johns Hopkins University.

CLASS OF 1888.

ANDERSON, ROBERT A., Teacher, Adwolfe, Va.
 BROWN, STONEWALL J., Minister, Va. Conference.
 MORISON, BENJAMIN R., Teacher, Texas.
 *NEWBILL, NATHANIEL G., Palestine, Texas.
 RAMBO, THOMAS B., Glade Spring, Va.
 SILER, FRANK, Minister, Mo. Conference.
 SPENCE, WALTER, Minister, Holston Conference.

CLASS OF 1889.

CARSON, ESTHENIUS V., Minister, Va. Conference.
 FANT, JOHN C., Newton, Miss.
 HENDERSON, PLESENT L., Teacher, Church Hill, Tenn.
 HUMPHREYS, ROBERT E. L., Professor Centenary College, Cleveland, Tenn.
 OGLESBY, NICHOLAS P., Jr., Teacher, Jackson's Ferry, Va.

*Deceased.

CLASS OF 1890.

AMES, CHAS. B., Miss.
BETTIS, ELBERT S., Minister student, Vanderbilt University.
BROWN, CHAS. A., Teacher, W. Va.
DANNENBAUM, HENRY, Law student, Seguin, Texas.
FUGATE, HENRY W., Teacher, People's College, Tenn.
GILLESPIE, WILLIAM M., Minister, S. W. Texas Conference.
HAWK, D. EMORY, Teacher, Blountville, Tenn.
SAYERS, ROBERT, Law student, University of Va.
SAYERS, WILLIAM S., Medical student, University of Va.
STANLEY, WALTER L., Law student, Wytheville, Va.

CLASS OF 1891.

BISHOP, DAVID HORACE.
FOUST, JAMES LEONIDAS, Chattanooga, Tenn.
HULL, DAVID DENTON, Jr., Law student, University of Va.
MILES, LOVICK PIERCE, Editor, Radford, Va.
TAYLOR, JOHN WESLEY, Teacher, Pearisburg, Va.
WARMUTH, MITCHELL PEEBLES, Medical student, Smyrna, Tenn.

CLASS OF 1892.

BACHMAN, EDWARD KELSEY, Blountville, Tenn.
CROW, SAMUEL EDWARD, Oakdale, Wash.
GRAHAM, EMMET VANCE, Rocky Station, Va.
HALE, ELBERT WEBSTER, Princeton, W. Va.
JENNINGS, JOHN HAYWODE, Meadow Creek, Va.
NEAL, JOHN WITTEN, Clinton, Tenn.
PRITCHETT, JOSEPH JOHNSTON, Fayette, Mo.
SHANNON, CHAS. HENRY, Broad Ford, Va.
UMBARGER, WALTER LEE, Chilhowie, Va.

ENDOWMENTS.

Subscriptions amounting to over fifty thousand dollars have been secured as an endowment. Rev. J. M. Sharp, of Nashville, Tenn., has given five thousand dollars toward the endowment of an Emeritus Professorship.

FORM OF LEGACY.

I give and bequeath to the Trustees of Emory and Henry College, at Emory, Virginia, the sum of.
..... dollars, for the benefit of said institution.

THE SEMI-CENTENNIAL CATALOGUE AND
HISTORICAL REGISTER.

This is a neatly printed and beautifully illustrated book of 160 pages recently published, containing a history of the College from 1837 to 1887, embellished by an engraving of the grounds and twenty-four well-executed likenesses of the Trustees and Faculty. The book contains the names of more than four thousand students, with their present residences and occupations so far as known. Through no other medium can so much be learned of the capabilities of the Institution, the good it has already accomplished, and its claim to public confidence and patronage. This book should be in the hands of every man once a student here, for in it he will find much to remind him of college days and old associates. It is mailed to applicants at thirty cents per copy.

SCHHEME OF DAILY RECITATIONS.

FALL TERM.

8:00	8:40	9:20	10:00	10:20	11:00	11:40	12:20
Practical Arithmetic.	Mental Philosophy.	Natural Philosophy.		Mineralogy.	Junior Greek.	General Chemistry.	Analytic Geometry.
Sophomore Latin.	Sophomore Greek.	Advanced German.		Trigonometry.	Geometry.	Junior Latin.	Freshman Greek.
Physiology.	Freshman Latin.	Advanced French.		First German.	First French.	First Latin.	Evidences of Christianity.
First Greek.	Elementary Algebra.	Sophomore English.		Second Latin.	Higher Algebra.	Freshman English.	Calculus.
				Junior English.	Physical Geography.	French.	English.

SPRING TERM.							
8:00	8:40	9:20	10:00	10:20	11:00	11:40	12:20
Practical Arithmetic.	Moral Philosophy.	Natural Philosophy.		First German.	General Chemistry.	Geology.	Calculus.
Sophomore Latin.	Sophomore Greek.	Junior Greek.		Second Latin.	Advanced German.	Junior Latin.	Freshman Greek.
Botany.	Freshman Latin.	Geometry.		Astronomy.	Advanced French.	First Latin.	Political Economy.
First Greek.	Elementary Algebra.	First French.		Surveying.	Junior French.	Sophomore English.	Logic.
		Higher Algebra.		Outlines of History.	Freshman English.		
				Junior English.	English.		

The class in Analytical Chemistry will meet five times a week from 2 to 4 P.M. Hours for the classes in Engineering will be arranged to suit the classes. In Physical Culture each class meets for forty minutes four times a week.

1893

CALENDAR.

1894

1893 JANUARY.							FEBRUARY.							MARCH. 1893						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	.	.	.	1	2	3	4	.	.	.	1	2	3	4
8	9	10	11	12	13	14	5	6	7	8	9	10	11	5	6	7	8	9	10	11
15	16	17	18	19	20	21	12	13	14	15	16	17	18	12	13	14	15	16	17	18
22	23	24	25	26	27	28	19	20	21	22	23	24	25	19	20	21	22	23	24	25
29	30	31	.	.	.	.	26	27	28	.	.	.	.	26	27	28	29	30	31	.
APRIL.							MAY.							JUNE.						
.	.	.	.	.	.	1	.	1	2	3	4	5	6	.	.	.	1	2	3	.
2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10
9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17
16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24
23	24	25	26	27	28	29	28	29	30	31	.	.	.	25	26	27	28	29	30	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
JULY.							AUGUST.							SEPTEMBER.						
.	.	.	.	.	.	1	.	1	2	3	4	5	.	.	.	.	1	2	.	
2	3	4	5	6	7	8	6	7	8	9	10	11	12	3	4	5	6	7	8	9
9	10	11	12	13	14	15	13	14	15	16	17	18	19	10	11	12	13	14	15	16
16	17	18	19	20	21	22	20	21	22	23	24	25	26	17	18	19	20	21	22	23
23	24	25	26	27	28	29	27	28	29	30	31	.	.	24	25	26	27	28	29	30
30	31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
OCTOBER.							NOVEMBER.							DECEMBER.						
1	2	3	4	5	6	7	.	.	1	2	3	4	.	.	.	.	1	2	.	
8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
29	30	31	.	.	.	.	26	27	28	29	30	.	.	24	25	26	27	28	29	30
.	.	.	.	.	.	.	.	.	.	.	.	.	.	31	.	.	.	.	.	.

1894 JANUARY.							FEBRUARY.							MARCH. 1894						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6					1	2	3					1	2	3	
7	8	9	10	11	12	13	4	5	6	7	8	9	10	4	5	6	7	8	9	10
14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17
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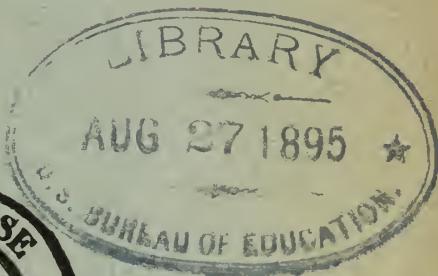
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THE FIFTY-SEVENTH

ANNUAL :- CATALOGUE

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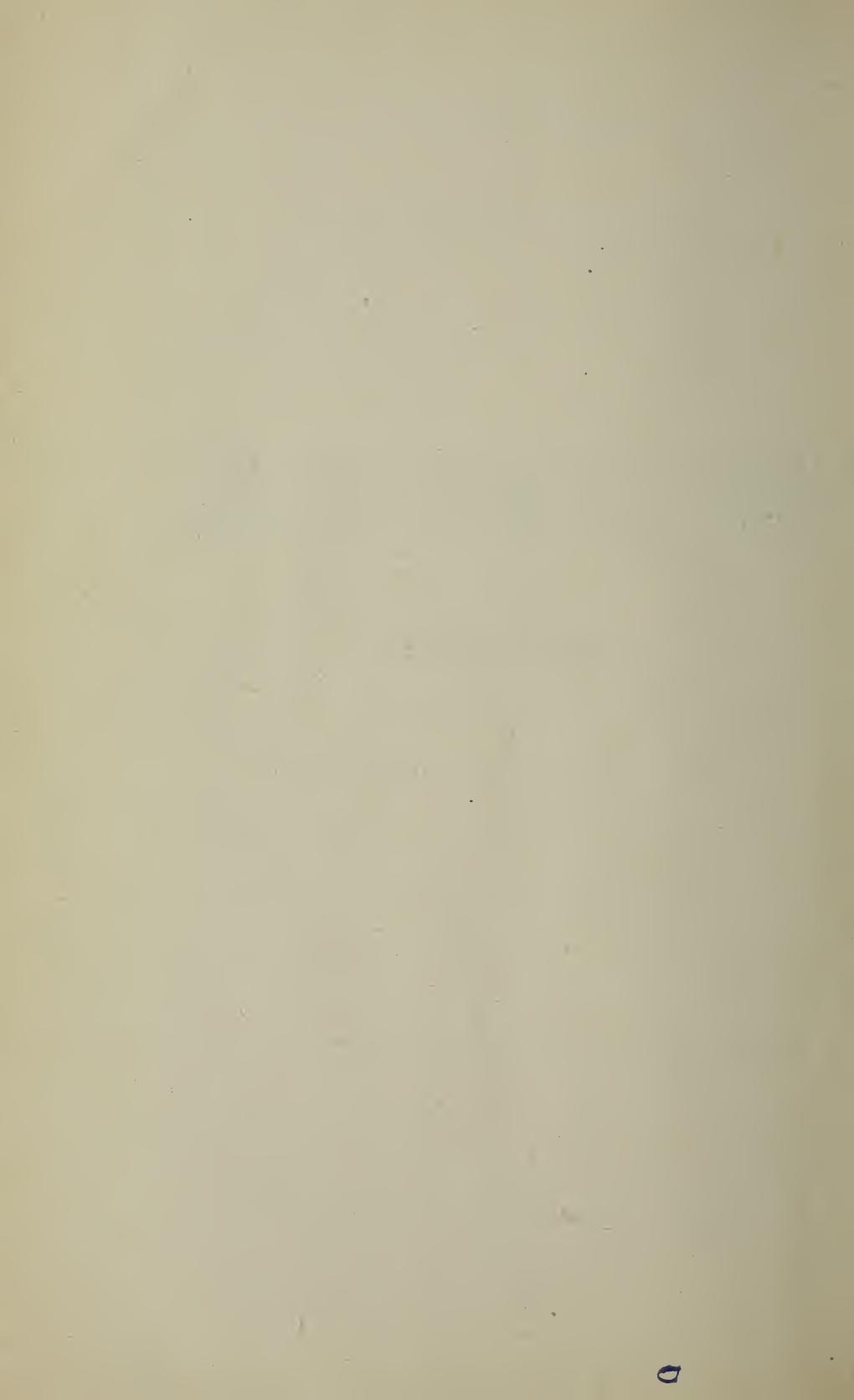
WITH COURSES OF INSTRUCTION.

1893-94.



CINCINNATI, O.:

ELM STREET PRINTING COMPANY, 176 AND 178 ELM STREET,
1894.



CALENDAR 1894-95.

1894.

JUNE 10, 11:00 A.M.—Baccalaureate Sermon, by Rev. W. V. Tudor, D.D., Richmond, Va.

JUNE 10, 4:00 P.M.—Sermon before Y. M. C. A., by Rev. W. S. Neighbors, Johnson City, Tenn.

JUNE 11, 2:00 P.M.—Annual Meeting of the Board of Trustees.

JUNE 11, 8:00 P.M.—Contest for the Williams Medal for Declamation.

JUNE 12, 10:00 A.M.—Contest for the Robertson Prize Medal for Oratory.

JUNE 12, 11:00 A.M.—Annual Address before the Alumni Association, by Dr. Frank Richardson, Knoxville, Tenn.

JUNE 12, 4:00 P.M.—Meeting of Alumni Association.

JUNE 12, 8:00 P.M.—Anniversary Celebration of the Calliopean Literary Society.

JUNE 13, 10:00 A.M.—Commencement Day. Addresses by the Graduating Class; Conferring of Degrees and Award of Medals.

JUNE 13, 11:00 A.M.—Annual Address before the Calliopean and Hermesian Literary Societies, by Rev. W. P. Harrison, D.D., Nashville, Tenn.

JUNE 13, 8:00 P.M.—Anniversary Celebration of the Hermesian Literary Society.

SEPTEMBER 13 (Thursday), 9:00 A.M.—Beginning of the Next Session.

LAST SATURDAY IN OCTOBER.—Field Day for Athletic Sports.

NOVEMBER 16, 7:30 P.M.—Public Debate of the Calliopean Literary Society.

1895

JANUARY 31.—Beginning of the Spring Term.

FIRST FRIDAY IN MAY.—Field Day for Athletic Sports.

APRIL 19, 7:30 P.M.—Public Debate of the Hermesian Literary Society.

JUNE 9-12.—Commencement.

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Professor Emeritus of Modern Languages.

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Professor Emeritus of Natural Sciences.

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Professor of Ancient Languages.

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W. P. BUHRMAN Tutor in Mathematics.

HENRY B. FRAZIER Instructor in Gymnasium.

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RHUDY, WILLIAM DUNGAN	Elizabethon, Tenn.

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BEATTIE, THOMAS WILLIAM	Glade Springs, Va.
CARPENTER, CLARENCE MERRIMAN	Knoxville, Tenn.
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WILEY, GARLAND SUMMERS	Emory, Va.

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McCANLESS, SAMUEL ALEXANDER	Mossy Creek, Tenn.
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WARREN, JOHN BALL	Rome, Ga.
WHITE, JOHN FLETCHER, JR.	Live Oak, Fla.
WILEY, CHARLES EMERSON.....	Saltville, Va.

SUMMARY.

Senior	11	Sub-Freshman.....	11
Junior.....	15	Preparatory	11
Sophomore.....	19	Select.....	15
Freshman.....	21		
Total			103

COURSE OF INSTRUCTION.

GENERAL STATEMENTS.

Applicants for admission to any of the College classes are required to give satisfactory evidence of their fitness therefor; and students, to be admitted to an advanced class in any course for graduation, will be required to make up any deficiencies in subjects which precede their point of entrance.

The importance of thorough preparation in elementary studies is urged upon all; it is greatly advantageous to every student to enter one of the regular courses for graduation, and to pursue the subjects in the prescribed order. All students must conform to the schedule of studies published herein. Students from other chartered institutions must bring certificates of honorable dismissal.

Classes meet five times a week. Forty minutes are allowed to each recitation.

COLLEGIATE COURSES.

For the B.A. the following groups of studies are recommended :

I.

Freshman Year.

Fall Term.

Latin.
Greek.
Algebra.
Physiology.
English.

Spring Term.

Latin.
Greek.
Geometry.
English.

Sophomore Year.

Latin.	Latin.
Greek.	Greek.
Trigonometry.	Higher Algebra, Geometrical Analysis.
English.	English.

Junior Year.

Latin.	Latin.
Greek.	Greek.
Analytic Geometry.	Logic.
English.	English.

Senior Year.

Chemistry.	Chemistry.
Natural Philosophy.	Natural Philosophy.
Political Economy.	Astronomy.
Psychology.	Ethics.

Additional requirements for M.A., on above basis:

An. Geom. of three dimensions ;	Calculus.
Sen. English.	Sen. English.
Latin.	Latin.
Greek.	Greek.

II.

Freshman Year.

<i>Fall Term.</i>	<i>Spring Term.</i>
Latin.	Latin.
French.	French.
Algebra.	Geometry.
Physiology.	English.
English.	

Sophomore Year.

Latin.	Latin.
French and German.	French and German.
Trigonometry.	Higher Algebra,
English.	Geom. Analysis.

Junior Year.

Latin.	Latin.
German.	German.
Analytic Geometry.	Logic.
English.	English.

Senior Year.

Chemistry.	Chemistry.
Natural Philosophy.	Natural Philosophy.
Political Economy.	Astronomy.
Psychology.	Ethics.

For M.A. on above basis:

An. Geom., Calculus.	Calculus.
Sen. English.	Sen. English.
French and German.	French and German.
Latin.	Latin.

III.

Freshman Year.

<i>Fall Term.</i>	<i>Spring Term.</i>
Latin.	Latin.
Algebra.	Geometry.
Physiology.	Botany and Elementary
English.	Geology.
	English.

Sophomore Year.

Latin.	Higher Algebra, Geom.
Trigonometry.	Analysis.
German.	Latin.
English.	German.
	English.

Junior Year.

Latin.	Latin.
German.	German.
English.	English.
Natural Philosophy.	Natural Philosophy.

Senior Year.

Chemistry.	Chemistry.
Analytic Geometry.	Geology.
Political Economy.	Astronomy.
Psychology.	Ethics.

For M.A. on above basis :

Calculus.	Calculus.
Advanced Physics.	Advanced Physics.
Sen. English.	Sen. English.
Latin and German.	Latin and German.

BACHELOR OF SCIENCE COURSE.

Freshman Year.

Fall Term.

Spring Term.

English.

English.

French.

French.

Physiology.

Botany and Elementary

Algebra.

Geology.

Geometry.

Sophomore Year.

French.

French.

German.

German.

English.

English.

Trigonometry.

Higher Algebra, Surveying.

Junior Year.

German.

German.

Analytical Geometry.

Astronomy.

Physics.

Physics.

Psychology.

Ethics.

Senior Year.

General Chemistry.

General Chemistry.

Analytical Chemistry.

Analytical Chemistry.

Political Economy.

Geology.

Mineralogy.

Calculus.

Analytical Geometry,

Calculus.

In addition to the above studies, regular exercises are required in Declamation of all students except the Junior and Senior Classes, and these are required to deliver original orations in the Chapel before the Faculty and students.

THE DEPARTMENTS AND METHODS.

INTRODUCTORY STATEMENT.

Any student coming from another institution and desiring to enter a college class in any department must give satisfactory evidence, by examination or otherwise, that he has done all the work required of the classes below the one he is to enter.

If deficient on any portion of that work, but admitted conditionally, the condition must be removed by an examination before the end of the term in which he enters.

The same rule applies to students who are conditioned on any intermediate or final examination. If the condition is not removed by a satisfactory examination before the end of the term immediately following, the student must again do in class the work of the term in which he failed.

PSYCHOLOGY AND ETHICS.

PRESIDENT WATERHOUSE.

The plan adopted in this department is a discreet combination of the recitation and the lecture. Pupils are required to make careful preparation upon the texts assigned for daily work. The subject matter of the recitation is made the basis of the lecture, which contemplates the double purpose of inspiring original thought and of leading the pupil into the wider literature of the subject in hand.

TEXT BOOKS --Moral Science; Gregory's Christian Ethics; Mental Science; Elements of Psychology, by Noah K. Davis.

POLITICAL ECONOMY AND LOGIC.

These subjects are also assigned to the President, and have been given larger place in the schedule of studies. Less elementary text books than those used formally will be selected as furnishing the basis of class work, and it is hoped to make the study of these sciences a source of much pleasure and profit to the pupil.

ENGLISH.

PROFESSOR LITTLETON AND MR. WILEY.

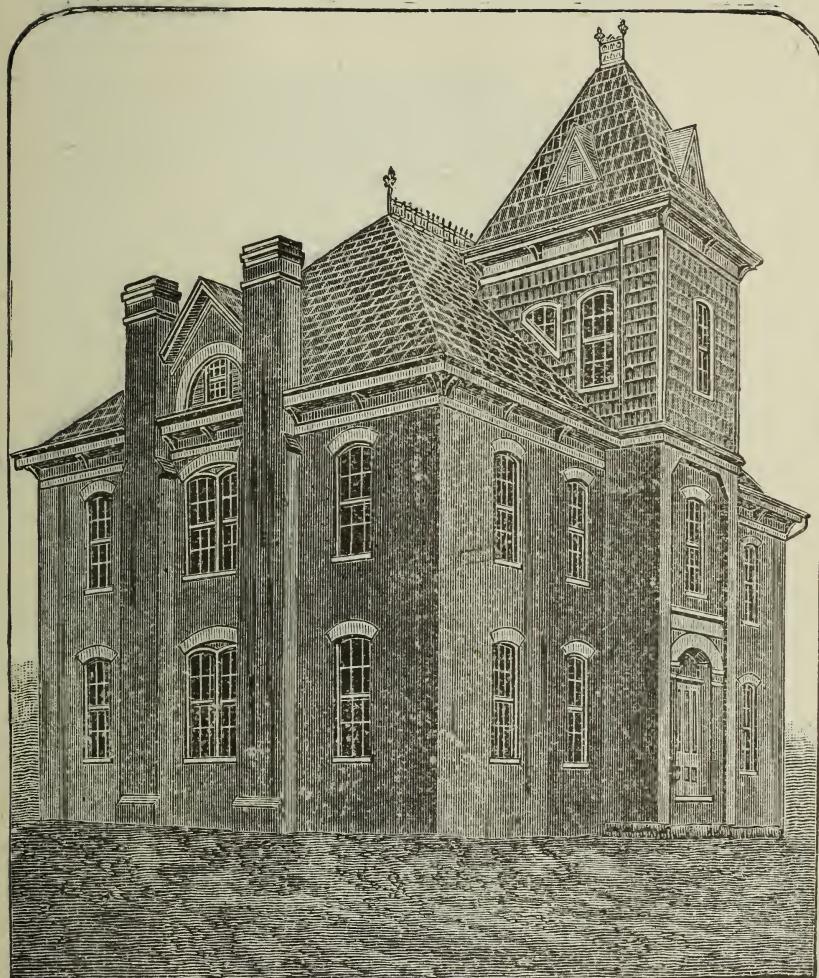
Attention is invited to the full and progressive course of English offered below. Our students are not only made familiar with the grammar and rhetoric of their mother-tongue, but they are taught to read with the understanding, and to express clearly and correctly their own thoughts. By this means their tastes are cultivated, and the habit of reading critically is formed, which, it is hoped, will in after-life be productive.

Freshman Year.

FALL TERM.—Foundations of Rhetoric; History of England; Weekly Exercises in English Composition; Grammar. Once a week, at least, some English Classic will be read with the class, and some selections of similar grade will be assigned as parallel reading.

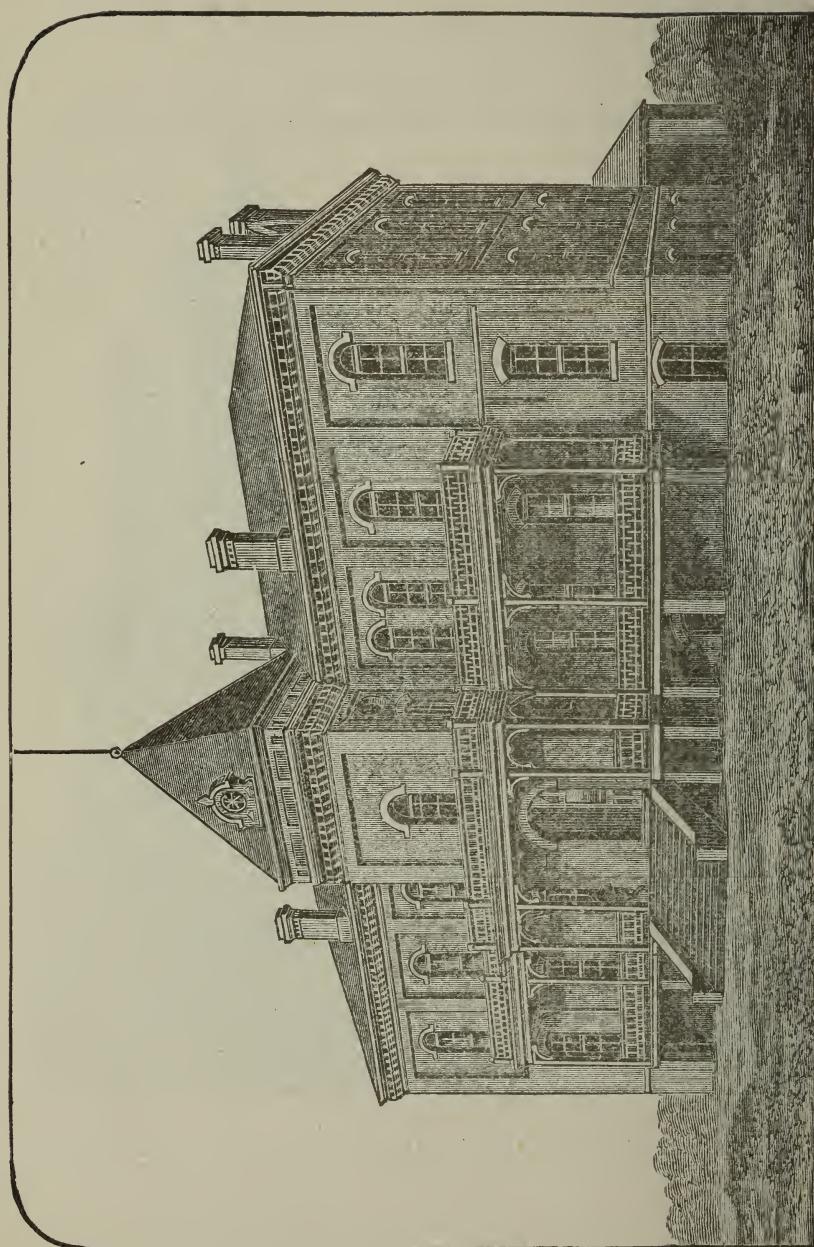
SPRING TERM.—The above continued, with the substitution of Grammatical Analysis for Grammar.

TEXT-BOOKS.—Hill's Foundations of Rhetoric; Green's Short History of the English People; Strang's Exercises in English; Tom Brown's School Days; Tom Brown at Rugby; Tales from Shakespeare; Tales of Chivalry and the Olden Time.



Wm. MORROW SCIENCE HALL.

BYARS HOUSE.



Sophomore Year.

FALL TERM.—Principles of Rhetoric; English and American Literature; Fortnightly Compositions. Both in and out of class selections from standard English and American authors will be carefully read.

SPRING TERM.—The above continued.

TEXT-BOOKS.—Hill's Principles of Rhetoric; Meiklejohn's English Literature; Hawthorn and Lemon's American Literature; Irving's Sketch Book; Tom Brown at Oxford; Selections from Bryant and Longfellow; The Vicar of Wakefield.

Junior Year.

FALL TERM.—Minto's Prose, twice a week; History of the English Language, once a week; Selections from the English Classics, twice a week. Monthly Essays and a Course of Parallel Reading.

SPRING TERM.—Minto's Poets, twice a week; Critical Study of some English Poems, three times a week. Monthly Essays and Parallel Reading.

TEXT-BOOKS.—Minto's Manual of English Prose Literature; Minto's Characteristics of English Poets; Meiklejohn's History of the English Language; The Best Elizabethan Plays; Selections from Burke, Webster and Bacon, Shakespeare.

Senior Year.

FALL TERM.—Historical Grammar and Anglo Saxon, three times a week; the Highest Forms of English Prose, twice a week. Bi-Monthly Essays; Parallel Reading.

SPRING TERM.—Anglo-Saxon and Middle English, twice a week. Poetry in its essence and its highest forms will be the basis of the Literary Studies of this term, and will be the subject of study for this class three times a week. Bi-Monthly Essays.

ANCIENT LANGUAGES.

PROFESSOR BUSHNELL AND MR. WILEY.

During the Freshman year, in both Latin and Greek, two written exercises are required weekly ; in the Sophomore year and the first term of Junior year one is required each week and one recitation is devoted to the study of some handbook of Literature, Antiquities, etc. In this way the histories of Greece and Rome are studied in the Sophomore year, the lecture room being properly provided with the wall maps necessary for such study. Throughout the entire course a portion of the grammar is assigned for daily recitation.

I.—Latin.

The course in Latin is as follows :

Freshman Year.—The authors read are Sallust and Virgil. In the grammar the more important parts of the syntax are studied, especial attention being given to the cases.

Sophomore Year.—The authors read are Cicero and Horace. The study of the grammar is directed more particularly to the syntax of the verb, and in connection with Horace the metres are carefully studied. Roman History and the History of Roman Literature are taught during this year.

Junior Year.—In the Fall Term the twenty-second book of Livy and the *Agricola* of Tacitus are read, and in the Spring Term a play of Terence and selections from Catullus and Lucretius. In the grammar a more thorough study is made of the whole syntax. One recitation a week is given to the study of Mythology and Roman Antiquities.

The course in Latin :

I.—Freshman Year—

FALL TERM.—Sallust.

SPRING TERM.—Vergil.

II.—Sophomore Year—

FALL TERM.—Cicero ; History.

SPRING TERM.—Horace ; Literature.

III.—Junior Year—

FALL TERM.—Livy ; Tacitus ; Antiquities.

SPRING TERM.—Terence ; Catullus ; Lucretius ; Mythology.

TEXT-BOOKS.—Gildersleeve's Latin Grammar ; Greenough's Vergil ; Johnston's Cicero ; Allen's History of the Roman People ; Maclean's Horace ; Morris' Manual of Classic Literature ; Lord's Livy ; Hopkin's Tacitus ; Wilkins' Roman Antiquities ; Sloman's Adelphi of Terence ; Seemann's Classical Mythology ; Crowell's Selections from Latin Poets ; Daniell's Exercises.

2.—Greek.

The course in Greek is as follows :

Freshman Year.—Xenophon's *Anabasis* and the *Orations of Lysias* are read. In the grammar the whole of Part I. and the coarse print relating to syntax are studied.

Sophomore Year.—In the Fall Term Plato's *Apology* and *Crito* are read, and a more thorough study is made of the syntax in the grammar. Homer's *Iliad* is read in the Spring Term and a study of the Homeric dialect is made. Greek History and the History of Greek Literature are taken up this year.

Junior Year.—In the Fall Term the *Philippics* of Demosthenes are read, and in the Spring Term one play each of Euripides and Aristophanes with a study of the metres. Greek Antiquities and Classical Geography are studied.

The course in Greek :

I.—Freshman Year—

FALL TERM.—Xenophon.

SPRING TERM.—Lysias.

II.—Sophomore Year—

FALL TERM.—Plato; History.

SPRING TERM.—Homer; Literature.

III.—Junior Year—

FALL TERM.—Demosthenes; Antiquities.

SPRING TERM.—Euripides; Aristophanes; Geography.

TEXT-BOOKS.—Goodwin's Greek Grammar; Sedgwick's Greek Prose Composition (for Junior Year); White's *Anabasis*; Stevens' *Lysias*; Dyers' *Apology* and *Crito*; Fyffe's Greek History; Seymour's School *Iliad*; Morris' Manual of Classical Literature; Mahaffey's Greek Antiquities; Tozer's Classical Geography; Green's *Frogs*; Collar and Daniell's Exercises.

Additional reading, parallel to the above courses, will be required of candidates for the M.A. Degree.

FRENCH.

PROFESSOR LITTLETON AND PROFESSOR LONGLEY.

Freshman Year.

Edgren's Grammar up to Syntax; Super's Reader; and in the Spring Term, weekly exercises from Lyon & De Larpent's Primary French Translation Book.

Sophomore Year.

Edgren's Grammar completed. Weekly exercises. Selections will be read carefully in the class-room from the standard authors, both of the classical and of the modern schools.

A French literature will be read as parallel.

In addition to the above, the candidates for the M.A. degree will prepare for examination selections from any of the following authors: Corneille, Racine, Molière, George Sand, Lamartine, Alfred de Musset, Victor Hugo, or Daudet. Lectures upon the History of the Language.

TEXT BOOKS.—Edgren's Grammar; Super's Reader; Lyon and De Larpent's Primary French Translation Book; French Literature; Corneille; Racine; Molière; George Sand; Alfred de Musset; Lamartine; Victor Hugo; Jules Verne; Daudet.

GERMAN.

PROFESSOR LITTLETON.

Sophomore Year.

Joynes-Meissner's Grammar.—Part I.

As soon as possible in the fall some simple prose, as Grimm's Tales, will be read. These will be followed by some selections from the many plays of the modern stage. In the Spring Term there will be weekly exercises from Harris's German Composition.

Junior Year.

Joynes-Meissner's Grammar completed.

Weekly exercises from Harris's German Composition continued. Selections from standard authors from Lessing to the modern school will be carefully read. Conant's Primer of German Literature will read as parallel.

In addition to the above, the candidate for the M.A. degree will be examined upon the private readings assigned them from one or more of such authors as are usually read at college.

TEXT BOOK.—Joynes-Meissner's Grammar; Harris's German Composition; Grimm's Maerchen; Selections from Modern Publications; Lessing; Schiller; Goethe and Conant's Primer of German Literature.

MATHEMATICS.

PROFESSOR MILLER AND MR. BUHRMAN.

I. — Pure Mathematics and Surveying.

For admission to the College course, the student must have a thorough knowledge of Elementary Algebra, as far as quadratic equations and be well versed in the elements of Plane Geometry, including the solution of exercises.

In all classes especial emphasis is laid upon the solution of problems and exercises, both as a means of impressing principles on the mind and as tending to promote the development of accurate and independent thought. Accuracy of knowledge is first sought, and after this as wide an acquaintance with different branches of the subject as the limit of time will allow.

The classes are grouped as follows :

Freshman Year.—Higher Algebra, through Quadratic Equations and the Theory of Logarithms; Plane and Solid Geometry. The class in Geometry is arranged so that students who are not sufficiently prepared can take the preparatory class in the fall and continue the study uninterrupted throughout the scholastic year.

TEXT BOOKS —Wentworth's College Algebra; Wentworth's Geometry.

Sophomore Year.—Plane and Spherical Trigonometry, including practice in the use of logarithmic tables, with numerous applications to measurements of heights and distances, and the simpler problems of astronomy and navigation. (Five times a week during Fall Term.)

Geometrical Analysis. General theorems will be developed and applied to the solution of numerous exercises in Geometrical Construction. (Twice a week during Spring Term.)

Higher Algebra, including Permutations, Combinations, Binomial Theorem and elements of the Theory of Equations. (Three times a week during Spring Term)

TEXT BOOKS.—Wells' Trigonometry ; Wentworth's College Algebra ; Venable's Geometrical Exercises ; Notes.

Junior Year.—Analytical Geometry of two dimensions, Astronomy, Descriptive and Mathematical. The course is designed to give an accurate and well grounded conception of the fundamental facts, principles and methods of the science. For entrance to this class it is necessary that the student have a clear conception of the elements of Physics, and no one will be admitted who has not taken the class in General Physics, or its equivalent.

TEXT BOOKS.—Wentworth's Analytical Geometry ; Young's General Astronomy.

Senior Year.—Analytical Geometry of three dimensions, Differential and Integral Calculus, with numerous applications to problems of Physics and Mechanics, and lectures on the History of Mathematics.

TEXT BOOKS.—Venable's Notes on Solid Geometry ; Byerly's Differential and Integral Calculus.

Surveying.—Instruction in this subject, which includes Plane Surveying and Leveling, extends through the Spring Term and is furnished by text-book, by lecture, and by associated field work. In the lecture room, the student is taught the general theory of Compass and Transit Surveying, and is well drilled in the solution of the fundamental problems arising in the practice of the same.

Especial prominence is given to the field work, and the student is made familiar with the use of the instruments in measuring and parting off areas, determining the length and azimuth of inaccessible lines, re-running old surveys, etc. For instruction in this subject the department is well equipped with fine instruments, including a vernier com-

pass, a combined transit and level, with vertical arc and stadia wires, leveling rod, steel tapes, chains, etc.

The work is arranged to meet the wants of those students who desire a knowledge of the subject, merely as a branch of scientific education, and also of those who desire to become practical surveyors. The latter will be required to pursue a more extended course in drafting and map-making, and to this end will find it necessary to purchase drawing instruments and material costing from \$10.00 to \$15.00.

Students of the surveying class are charged \$1.00 for the use of instruments.

TEXT BOOKS.—Carhart's Surveying ; Notes.

Advanced Mathematics.—Special classes for pursuing advanced work in Pure and Mixed Mathematics will be formed, as there is demand for such. The subjects studied will be chosen to meet the wishes of the students.

Mathematical Physics.—(Temporarily transferred to this department.) This course assumes a knowledge of the general principles of Physics and begins with a study of the Potential Function.

Following this is an elementary treatment of the mathematical theory of Electricity and Magnetism, with illustrative experiments and problems. The course closes with an account of recent developments of the subject, showing the transfer of electric energy by waves and the intimate connection between electro-magnetic and optical phenomena. To prosecute the studies of the class satisfactorily, the student should have a working knowledge of the simpler processes of the Differential and Integral Calculus.

TEXT BOOKS.—Pierce's Potential Function ; Cumming's Theory of Electricity ; Notes and Lectures.

II.—ENGINEERING.

This course, which is designed for those who desire a more extended course in Surveying and Engineering than can be embraced in the regular curriculum, will be given if there are as many as *three* who wish to take it.

Engineering Geodesy.—Theory and Description of Engineering Field Instruments, with Field Operations, General Methods and Fundamental Problems in Triangulation, Land, City and Railroad Surveying, Leveling, including the Computation of Earth-work, Location and Construction of Roads and Railroads.

Elementary Mechanics.—Including Graphical Statics and Elementary Dynamics.

Descriptive Geometry.—Industrial and Engineering Drawing, Shades and Shadows, Axonometric and Perspective Projections.

TEXT BOOKS.—Johnson's Theory and Practice of Surveying; Millar's Descriptive Geometry; De Volson Wood's Elementary Mechanics; Loney's Elements of Statics and Dynamics.

The object of the course as laid down for the first year is two-fold: First, as preparatory to more advanced work in our technical schools and higher universities; second, to give suitable preparation to young men desiring to enter at once upon practical field-work, and who do not feel themselves able to take a more extended course. It is believed that the information and practice thus obtained will be of very great benefit to the young engineer who goes direct from the class to join an engineering corps in the field. For this work a knowledge of Geometry and Plane Trigonometry is necessary.

The charge for a student of Engineering, who has paid the regular College tuition of \$25 per term (\$50 per ses-

sion), is \$15 per term (\$30 per session); or, in other words, an Engineering student pays \$40 per term (\$80 per session), and has the privilege of taking any or none of the College classes. It will often be to his advantage to attend some of the classes in Mathematics or the Natural Sciences.

The Engineering News is taken for the benefit of students of Engineering.

NATURAL SCIENCES.

PROFESSOR JARMAN AND MR. MCCLURE.

General Physics.

This class meets five times a week throughout the entire session.

The instruction is given by recitations from text books, illustrated by suitable experiments.

In the Fall Term the course consists of the discussion of the Laws of Motion, and Force and Energy as applied to Solids, Liquids and Gases. A great many problems are given illustrating the practical application of the laws governing the science.

In the Spring Term Molecular Physics is discussed, Heat, Light, Sound and Electricity; while due prominence is given to principles, frequent reference is made to the applications of the science.

TEXT-BOOK.—Olmsted's College Philosophy.

In addition to regular tuition fee, students pay one dollar per term for use of apparatus.

General Chemistry.

This course consists of five lectures a week throughout the entire session, and collateral reading in the text, the lectures being fully illustrated by suitable experiments.

In the Fall Term the subject of Inorganic Chemistry is

taken up, embracing the study of chemical nomenclature, the writing of chemical formulæ, the laws regulating the combination of substances both by weight and volume, the history and description of the elementary substances, both non-metallic and metallic, with their compounds, and the Atomic Theory as it is at present viewed.

A great many chemical problems are given throughout the course, illustrating the laws governing the science.

In the Spring Term Organic Chemistry is taken up and discussed in the order in which it is presented in Remsen's text-book, which is used in connection with lectures and experimental illustrations. In this course, the more common applications of Chemistry to the arts and manufactures are also alluded to.

Students in General Chemistry pay, in addition to regular tuition, a fee of \$2.50 per term.

The text-books for the above course are as follows :

FALL TERM.—Barker's Elementary Chemistry.

SPRING TERM.—Remsen's Organic Chemistry.

Experimental Chemistry.

The only way to learn Chemistry thoroughly is to study it in the laboratory, and in view of this fact a course in Experimental General Chemistry will be given, supplementary to the *regular* course.

By studying Chemistry in this way the class will gain an unusually good knowledge of the subject, as they will have an opportunity to make all of the experiments involved in the course. While this course is entirely optional, the students are strongly urged to take it. This class meets three times a week, from 2 to 4 P.M.

Analytical Chemistry.

The course consists of practical work done in the Laboratory, and extends through two years, the students be i

required to work at least ten hours a week throughout the course.

In the first year the subject of Inorganic Qualitative Analysis is treated fully, including Chemical Manipulation, Blow-pipe Analysis and Determination of Minerals, Qualitative Determinations being made of mixtures of Salts, Alloys, Minerals, etc.

In the second year the students are drilled in Quantitative Analysis, both gravimetric and volumetric. Complete Analyses of Ores, Minerals, Slags, Clays, Fertilizers, etc., are made, also considerable work in Assaying. Blow-pipe Analysis and Qualitative Analysis are continued through the second year.

Students applying for the B.S. degree are required to take only the first-year course, the second-year course being given to those who desire to continue their work in this line.

Text-books for the above course are as follows :

FIRST YEAR.—Venable's Qualitative Analysis; Fresenius' Qualitative Analysis; Blow-pipe Analysis by Erni; Falls' Laboratory Manual.

REFERENCE Books.—Roscoe and Schorlemmer's Treatise on Chemistry; Remsen's Advanced Chemistry; Prescott and Johnson's Qualitative Analysis; Smith and Richter's Inorganic Chemistry; Shepard's Chemistry; Elliott and Storer's General Chemistry.

SECOND YEAR. — Thorpe's Quantitative Analysis; Fresenius' Quantitative Analysis; Ricketts' Fire Assaying.

The William Morrow Science Hall consists of two stories. The first floor, consisting of five rooms, is devoted to chemistry purposes. The Laboratory is thoroughly equipped for instruction, being provided with every convenience for doing practical work, and exhibiting a complete series of experiments illustrating the lectures on General Chemistry. Contributions to the collection of minerals and ores will be thankfully received.

Arrangements made to analyze mineral waters, minerals, ores, furnace products, etc., at reasonable rates.

Mineralogy.

This subject is studied in the Fall Term, and is taught by recitation from text-books and by practical work done in the Laboratory. The Theoretical course embraces a brief study of Crystallography. The students become familiar with the different forms by studying models which are furnished them, thus enabling them to recognize the simpler crystalline forms. The chemical and physical properties, mode of occurrence, etc., of the Minerals are also made prominent. The Laboratory course embraces a study of Blow-pipe Analysis and Determinative Mineralogy. The Laboratory Class meets three times a week, from 2 to 4 P.M.

Text-books for the above course are as follows :

Dana's Manual of Mineralogy ; Foye's Hand-book of Mineralogy.

Geology.

Geology is studied in the Spring Term.

Dynamical, Structural and Historical Geology are taught in the order in which they are discussed in the ordinary text-books, the chief aim being to drill the student in the theory of the science.

TEXT-BOOK.—Winchell's Geological Studies.

Physiology.

In this study the students acquire a knowledge of the properties and actions of the various organs of the human body in their normal condition, together with their functions. Anatomy is taught only so far as is essential to a clear understanding of the use and mode of working of each part of the body. This subject extends through the Fall Term, and is illustrated with an excellent manikin.

TEXT-BOOK.—Brands' Academic Physiology and Hygiene, and extensive Anatomical Charts.

Botany.

The study of Botany begins April 1st, and continues till the close of the session. Recitations daily. The course comprises the elements and principles of Deceptive and Systematic Botany. The student is required to write a description of at least twenty plants, thus familiarizing him with the terms used in describing flowers, and furnishing him with a clear knowledge of the plants dealt with. A large amount of analytical work is done, the class being provided with the more common plants, and taught how to determine their specific names. The students, after completing the course, will be enabled to analyze any of the ordinary plants in this section of the country.

TEXT-BOOK.—Gray's Botany.

Charges per term for Laboratory courses :

	* Deposit for		
	Apparatus	Material.	Tuition.
Analytic Chemistry	\$5 00	\$10 00	\$10 00
Experimental Chemistry	5 00	10 00	5 00
Determinative Mineralogy	2 50	5 00	

Students in General Chemistry taking experimental course are not required to pay additional fee in General Chemistry.

Course of study in Natural Sciences :

Freshman Year—

FALL TERM.—Physiology.

SPRING TERM.—Botany and Elementary Geology.

Junior Year—

FALL TERM.—General Chemistry.

SPRING TERM.—General Chemistry, Geology.

Senior Year—

FALL TERM.—Analytical Chemistry ; Mineralogy ; General Physics.

SPRING TERM. — Analytical Chemistry ; General Physics.

*Students are charged with only what apparatus they break ; the balance is refunded them.

PREPARATORY DEPARTMENT.

The work of the Preparatory Department is especially planned for properly preparing students for the Freshman Class in the College ; hence, only those subjects which are essential to an intelligent pursuit of collegiate studies are included in its course. The advantages of the Preparatory Department are especially designed for that considerable class of students who live in the country, remote from good elementary schools. Students from towns which have schools of high grade are not encouraged to enter the Preparatory Department, though such will not be excluded. Great care has been taken to make this course thorough and beneficial, both in itself and as a preparation for the regular college work. The Faculty would earnestly call the attention of both pupils and parents to the great importance of thorough drill in these elementary branches, whether they be pursued here or elsewhere. Many a boy's taste for books is lost, and his future as a scholar blighted, by undue and unwise haste to *advance* in the course. And, while a boy's ambition should be encouraged, the prime importance of thoroughness should be impressed upon him.

This department is particularly convenient for those students who are prepared for the Freshman Class in all but one or two subjects, and yet do not wish to postpone entering college. Such students can very readily enter the Freshman Class, pursuing the subject in which they are backward in the Preparatory Department. The course at present consists of two years. Those entering the first year are expected to be proficient in elementary English Grammar, Geography, and Arithmetic through Denominate Numbers, Common and Decimal Fractions. The following is the course for two years :

PREPARATORY COURSE.

First Year.

Fall Term.

Latin Grammar.
 English Grammar.
 Elementary Geometry.
 Practical Arithmetic.
 History of Virginia,
 Orthography.

Spring Term.

Latin Grammar and
 Reading.
 Elementary Algebra.
 Practical Arithmetic.
 English Grammar.
 History of Va., Ortho-
 graphy and Read'g.

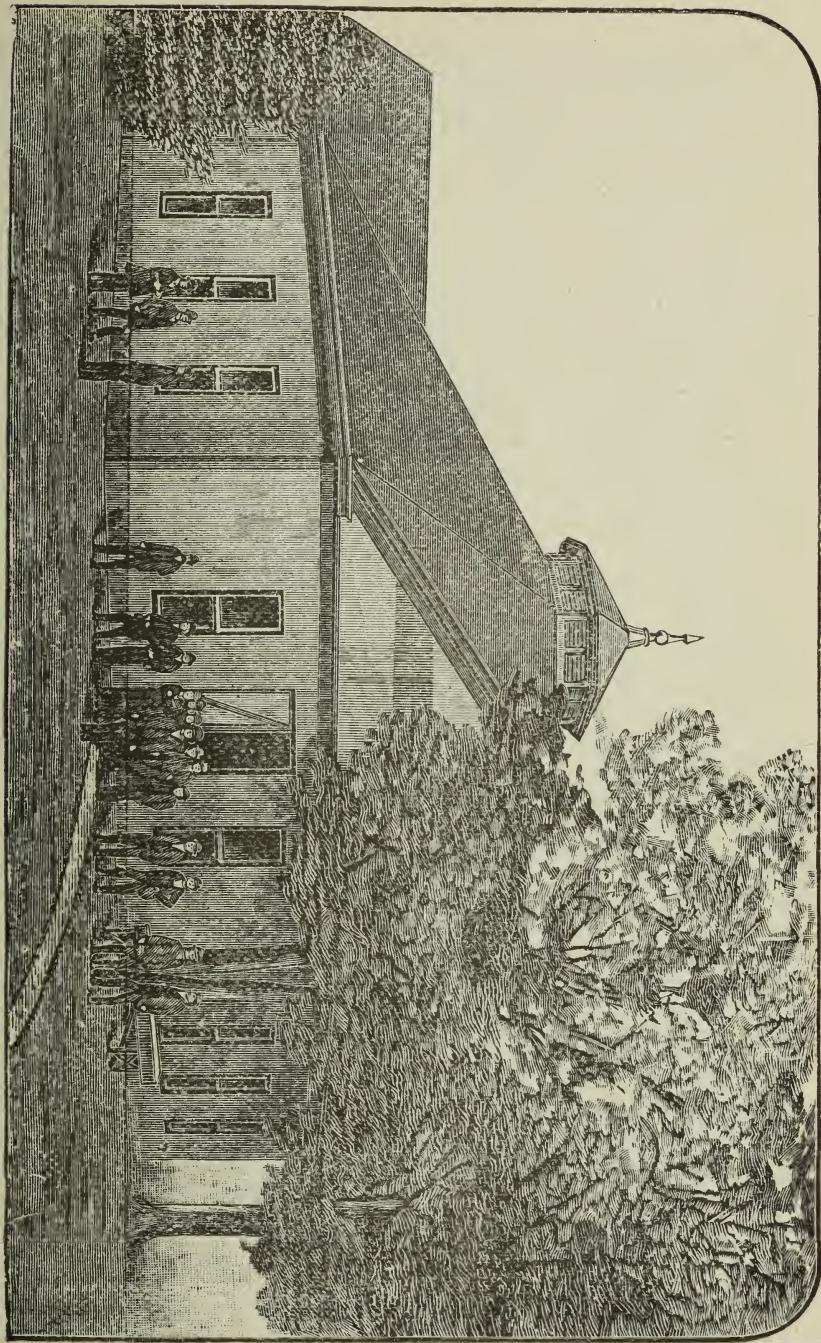
Second Year.

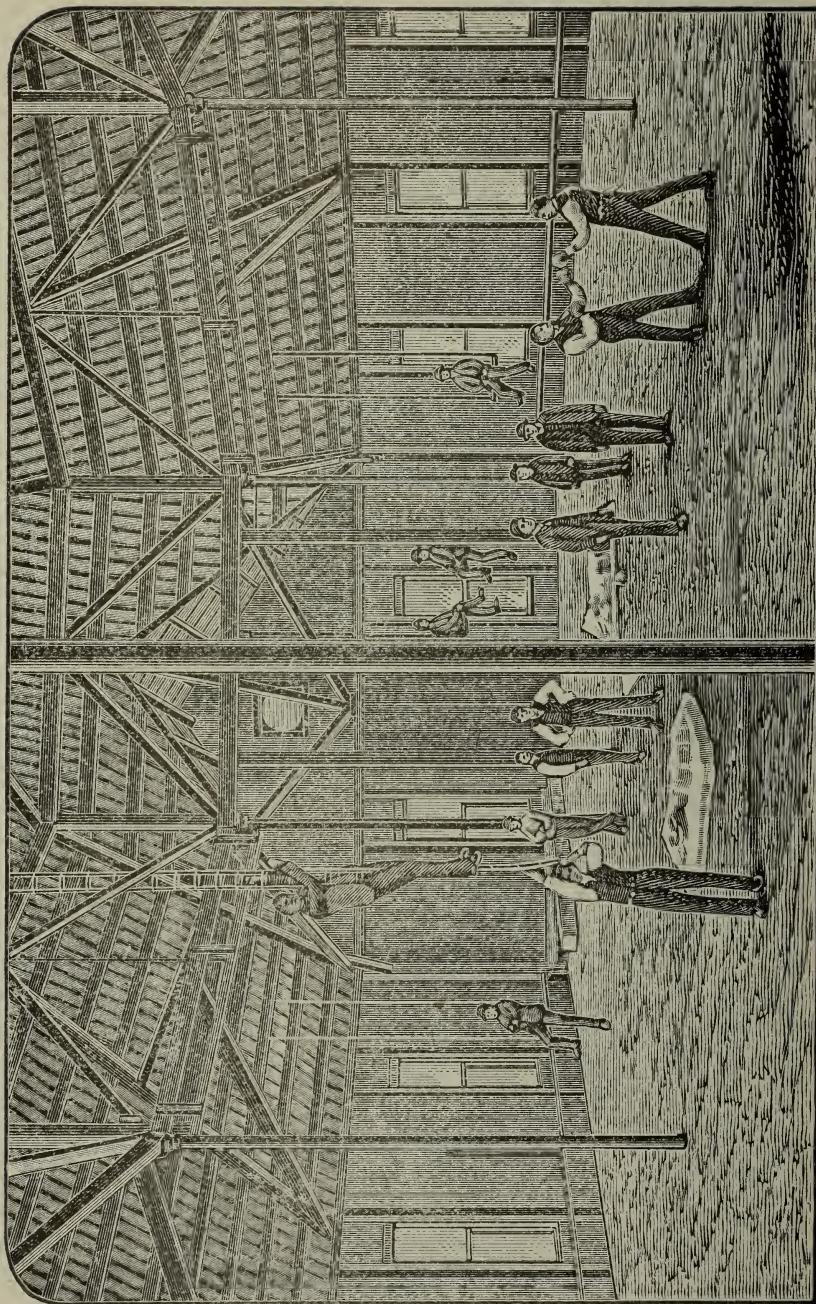
Geometry.
 Latin, Grammar and
 Cæsar.
 English Grammar and
 Analysis.
 U. S. History, Reading
 and Exercises.
 Greek, Grammar.
 Physical Geography.

Algebra.
 Latin Grammar and
 Cæsar,
 English Grammar and
 Analysis.
 U. S. History, Reading
 and Exercises.
 Greek, Xenophon.
 Physiography.

TEXT BOOKS.—Houston's Physical Geography; Thornton's Physiography; Wentworth's Geometry; Venable's Practical Arithmetic and Easy Algebra; Milne's High School Algebra; Hill's Lessons in Geometry.

THE SAM SMALL GYMNASIUM.





INTERIOR SAM SMALL GYMNASIUM.

PHYSICAL CULTURE.

H. B. FRAZIER, INSTRUCTOR.

"A sound mind in a sound body."

After virtue, there is nothing upon which the happiness and usefulness of men so much depend as upon the conditions of the body. While this fact is well known to all intelligent and experienced persons who are striving by great endeavors to execute great purposes, it is a matter of which the young are hurtfully and almost universally ignorant. One of the first aims, therefore, of this department will be to impart to the pupil a proper conception of the value and sacredness of the body as the home, the working-place and the instrument of the spirit.

All pupils entering the College are expected to take such work in this department as their needs may demand, unless excused by the physician or the Faculty.

At the outset a physical examination will be given, and measurements and weights taken and recorded, so that the teacher may be prepared to modify the exercises to suit the special needs of pupils, and thereby build up the health and tone of each. There will be delivered at proper intervals lectures on Physiology and Hygienic Laws by physicians and other competent lecturers. All exercises will be under the supervision of the teacher, and individual instructions will be given when needed.

There will be four drills in the Gymnasium each week, the time for this work being from four to six o'clock in the afternoon. Students may also join the morning class, which meets for special work at half-past six.

There will be two field days for Athletic Sports during the season. The system of training used is, in the main, that of Prof. D. L. Dowd, as taught by him in his school

of physical culture in New York City. The system is strictly one of light weight exercises, thus avoiding all danger of strain or rupture.

The following is an outline scheme of the work done:

1. Breathing exercises. 2. Daily work with light dumb-bells. 3. Club swinging. 4. Body movements without weights. 5. Walking and running exercises. 6. Work with wall machines.

Special attention is given to the work on the wall machines, as it is believed that a more systematic development can be obtained from this exercise than from any other work in the Gymnasium.

In the morning class boxing, wrestling, putting the shot, throwing the hammer, and all kinds of jumping, will be taught. To this will be added instructions on the Campus in football, baseball and tennis.

The place for the indoor work of this department is the

SAM SMALL GYMNASIUM.

The building has capacity for seating sixteen hundred people. It is octagonal in shape, has five large doors, twenty double hung windows, and gable and dome ventilation, so that the air within is as fresh as that without, and yet the openings are so arranged as to prevent a draught.

The place for out-of-doors work is the celebrated

COLLEGE CAMPUS,

which embraces twenty-two acres of shaded and open lawn set in blue grass, and contains a bold and gushing spring of the best water known in this land of celebrated waters. The Campus, in addition to being a superb place for manly exercises, is also a vision of beauty, which has an invigorating and refining effect upon all who drill within it.

There has been a marked physical improvement among

the students during the present session both as to weight, strength and increase of lung power, and in the general freedom from sickness, and it is confidently believed that each succeeding year will bring with it still better results.

The fee in the department of Physical Culture is \$2 50 per term of five months.

For the further promotion of Physical Culture, an Athletic Association has been organized and under its auspices come the Field day contests referred to above. Suitable prizes for running, jumping, putting the shot, throwing the baseball, etc., are given to the successful contestants and their record carefully preserved.

EXAMINATIONS.

In addition to the examinations at the daily recitations, special examinations are conducted in writing at or near the end of each term. These special written examinations cover the subjects gone over during the whole term, and are made fair, yet searching, tests of the student's knowledge.

In the final valuation of grades, for all promotions, honors and diplomas, the class standing of students is taken into account, as kept from day to day by the different professors, and is valued at 25 per cent., while the written examinations at the end of each term is valued at 75 per cent., *i. e.*, out of possible 100, 25 points are for class-standing and 75 points for the written term examination.

In the report of grades, the values of the daily recitations and written examination are considered together, and so recorded, and no separate valuation is announced.

The student is required to attain 70 per cent. of these combined examinations, as set forth above, in order to pass or graduate in any class. However, 50 per cent. will allow him to pass on from one class in the Collegiate Course to the next as a "conditioned" student, but in no case is he allowed to graduate in the Collegiate Course and secure his degree without attaining 70 per cent. in each and every class in the course.

All students are required to attend these written examinations, and if they can not attain as much as 50 per cent., they are required to quit the class and enter a lower one. If they attain as much as 50 per cent., but fall below 70 per cent., they are permitted to advance, as stated above, being marked on the professor's record as "conditioned,"

and, before graduating, are required to stand such examination over again with a subsequent class. Two examinations on the same subject will not be given in one session to the same student.

The student who is applying for graduation will not be required to stand an examination during the year or session in which he is applying, nearer to the close of another examination required of him than the space of seventy-two hours. The schedule of examinations will be arranged each year with this in view.

CERTIFICATES OF PROFICIENCY.

Certificates of Proficiency, under the seal of the College, are awarded publicly on Commencement Day to any student attaining an average of seventy or more in all the English studies (Freshman English, Sophomore English and Junior English; see Course), and in any two of the following departments :

1. Latin.
2. Greek.
3. Modern Languages (French and German).
4. Mathematics.
5. Natural Sciences.

DEGREES.

The Degree of Bachelor of Science is conferred on those who complete, by attaining 70 per cent. of the value of the examinations, the studies enumerated in the course prescribed for this degree under the Courses of Instruction.

The Degree of Bachelor of Arts is conferred on those who complete, by attaining 70 per cent. of the value of the examinations, the studies enumerated in the course prescribed for this degree under the Courses of Instruction.

The Degree of Master of Arts is conferred on those who have secured the Bachelor of Arts Degree, and complete the additional studies required.

The Honorary Degrees of Doctor of Divinity, Doctor of Sacred Theology and Doctor of Laws are conferred upon suitable persons by a unanimous vote of the Faculty and Board of Trustees. The College has always been, in a marked degree, guarded in conferring these degrees.

EXPENSES.

FOR TERM OF TWENTY WEEKS.

Tuition in Regular Course.....	\$25 00
Contingent Fee.....	5 00
Library Fee.....	1 00
Washing at College Laundry.....	6 50
Steam Heating, two students to a room, each.....	6 00
Room Rent, two students to a room, each.....	5 00
Physical Culture Fee.....	2 50
Apparatus.....	50
Total College charges per term.....	\$51 50

The above charges are payable in advance to the Treasurer of the College. This must be done, or a definite, satisfactory arrangement made with the Treasurer.

Board in the Byars Hotel, when paid in advance, is \$10 per month; board, with furnished room, fuel, light and servant's attendance, can be had at several private houses at \$15 per month.

Students who occupy rooms in the College building provide their own furniture; this will cost on an average of \$6 to \$10 each. This furniture will last the careful student as long as he remains at College, and can be sold at a fair price when he leaves, if well preserved.

No student is allowed, except by special permission, to

take more than four daily studies, and then he is charged \$5 for each extra study.

A student entering at any time within the first quarter of the term is charged with tuition of the whole term ; if at any time within the second quarter, he is charged with three-fourths ; but in no case with less than the tuition of half a term.

No deduction is made in the College charges if a student leaves before the close of the term, unless it be for sickness, and that with the advice and consent of the Faculty.

Funds remitted for the payment of bills should be directed to the Treasurer of the College. Parents and guardians are urgently advised that young men at college have very little need of pocket-money, and in general it would be safest for the student, cheapest for the parent or guardian, and best for the College, to commit the funds of the students to the President, or to one of the professors, who will attend to his wants and discharge his bills. Trouble in the matter of discipline often arises from the fact that some of the students are supplied too freely with money. The College charges, in all cases, are required to be satisfactorily settled before the student will be permitted to enter upon a second term. No student is allowed to graduate, nor will a certificate of honorable dismissal be given, till all arrearages are paid.

PRIVILEGED STUDENTS.

Tuition fees are remitted in the following cases :

1. Young men giving satisfactory evidence of their intention to preach and regularly licensed by their respective denominations.
2. The minor sons of ministers of any denomination engaged in the regular work of the ministry and dependent upon that for a support.

3. The minor sons of superannuated or deceased members of the Holston Conference M. E. Church, South.

Privileged students are expected to pay the Contingent and Library fees, room rent, and the charge for warming rooms occupied by them. In case of failure to meet these charges, the favor of free tuition will be withdrawn.

TERMS AND VACATIONS.

There are two terms in the year. The Fall Term begins on the second Thursday in September. The Spring Term begins on the Thursday before the first day of February. The scholastic year closes on Wednesday before the second Thursday in June. For closing exercises, see Calendar, page 3.

The time appropriated for vacation is believed to be ample for the purpose of relaxation from study; and in view of the unfavorable effect of all absences, either at the commencement or at any other period of the term, upon the standing and proficiency of the student, the Faculty earnestly request that the parents and guardians in no case encourage, or even sanction, such absences without very urgent reasons.

TEXT-BOOKS.

Private parties have made arrangements to supply all needed text-books and stationery at reasonable prices.

QUARTERLY LETTERS.

At the close of each quarter a letter is addressed by the Faculty to the parents or guardian of each student, reporting his absence from the stated exercises, his general deportment and improvement, and any other information regarding him that seems proper to be given. To accom-

plish the object of these letters, it is hoped that the friends of the students will apply the encouragement or repression which the letter suggests.

GOVERNMENT.

The discipline of the College first proposes to the student self-government as the highest style of government, and seeks to surround him with a social atmosphere toned with honor, purity and piety. The deportment enjoined for maintaining membership and good standing in the College is defined by the morality of the Bible, the proprieties of gentlemen, and the fitness of our positive rules. The daily assembly of our College community for family instruction and devotion has been found promotive of the *esprit du corps* and sympathy essential to harmony and good order; therefore all students are required to be present with the professors in the Chapel at daily family worship, which consists in the reading of the Scripture, singing and prayer.

Students are prohibited, on penalty of dismissal, from having or using intoxicating liquors, or deadly weapons, and from organizing, or having active membership in, secret fraternities.

RELIGIOUS SERVICES.

Rev. E. F. Kahle, Pastor, (1893-94).

Public worship is held in the Chapel twice on each Sabbath. At the morning services the pulpit is filled successively by the pastor, President Waterhouse, Dr. D. S. Hearon, and Prof. Edmund Longley. Attendance upon the morning service is required of all students, except such as have special permission to attend church elsewhere.

The evening services are conducted by the minister students. In these the young preachers find at once an ex-

cellent opportunity for gaining experience and of doing good to their fellow-students. These occasions are enjoyable and edifying, and although attendance upon them is wholly voluntary, it is usually good.

THE SABBATH-SCHOOL.

On Sunday morning, at 9:30 o'clock, the Sabbath-school meets, under the superintendency of Prof. J. L. Jarman. This study is according to the schedule of the International Lesson Texts. The professors, assisted by some of the ladies of the community, do the teaching. The influence of the admirable work done here is visible in an enlarged knowledge of the word of God, and in the moral tone which pervades the life of the pupils. While attendance is voluntary, it is strongly urged. Parents may be of great assistance on this line, as the quarterly reports show whether or not their sons attend.

Voluntary daily and weekly prayer-meetings are found to contribute not a little to the cultivation of religious life among our young men.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

J. N. MCCLURE, Pres.

C. G. HOUNSHELL, Sec.

It is the aim of this organization to bring young men to Christ, and to develop Christian manhood. Its methods are such as have been approved by the most experienced workers. Members of the State and International Committees make visits for the purpose of giving advice and encouragement, and delegates from the Association attend State Conventions, College and District Conferences, for the purpose of being spiritually strengthened and learning improved methods.

Voluntary services are held daily, except Saturdays, in the Association Hall. These meetings consist of song,

prayer, Bible-readings, short talks, varying at the option of the leader. Wednesday nights have been set apart for public prayer-meetings, which the people of the community are urgently invited to attend.

The young men conduct the meetings, and nearly all the members take part. Voluntary Bible classes also meet weekly under the leadership of the older members. President Waterhouse aided this work by a series of valuable lectures on the Gospels. A large map of St. Paul's travels affords an excellent aid in studying his life and labors.

Missionary meetings are held monthly, in which some mission field is the topic, and its most important features are discussed by previously appointed speakers, who have access to an excellent missionary library.

Lectures are delivered before the Association by prominent Christian speakers. This year these lectures were delivered by Rev. J. H. Kennedy, Rev. J. S. W. Neel, Dr. Jas. S. Kennedy, Dr. D. S. Hearon, Prof. J. T. Littleton and F. S. Brockman. Rev. W. M. Dyer conducted an interesting revival.

A reading-room has been furnished this year and supplied with a variety of journals, secular newspapers and religious periodicals. Here the student, for a small fee, may keep abreast of the current thought of the day.

The work of the various officers and committees, as well as religious work in the community and personal work among the student, affords invaluable training for young Christians.

New students will have a warm reception in our new and beautiful audience-room at the William Morrow Science Hall. Sectarianism is not known in the Y. M. C. A. movement. The president and secretary invite the correspondence of any who contemplate entering College.

LOCATION.

We desire to call special attention to our location.

HEALTHFULNESS.—Retired and beautiful valley, twenty-one hundred feet above the level of the sea, with mountains abounding in mineral water, with a climate greatly sought after by persons from the malarial sections, never yet invaded by miasmatic or pestilential diseases.

FREEDOM FROM TEMPTATIONS.—The College owns the land for nearly a mile around it, and no one, not even a servant, may come upon the grounds unless adjudged to be a suitable person by the Faculty.

The sale of intoxicating liquors is prohibited now by law in the counties of Southwest Virginia.

ACCESSIBILITY.—The Norfolk and Western Railroad, a part of the great trunk line from the South to the North and East, passes through the College farm, and has a depot on the grounds. Persons coming from the South and Southwest should buy through tickets to Bristol, Tenn., and local tickets from there to Emory.

Emory, Va., is the name of the post-office, railroad station and express station. It is a money-order office.

There is a telegraph station at Meadow View, two miles distant.

BUILDINGS AND GROUNDS.

The main College building, which is a commodious brick edifice of the classic mould of its day, one hundred and fifty by forty-five feet, four stories high, is situated upon a commanding eminence in the Campus. It contains the Treasurer's office, six large lecture-rooms, and forty rooms for students. In the center of this building, on the second floor, is the Chapel, which seats comfortably three hundred persons. This room has been recently furnished with handsome cabinet seats and beautifully papered. It is adorned with two brass memorial tablets, one in memory of the first

President, Rev. Charles Collins, D.D., the other in memory of those chivalrous spirits who went from our midst and fell on the field of battle; and especially those illustrious alumni, Gen. J. E. B. Stuart and Gen. Wm. E. Jones. The walls are hung with large portraits of the patron saints, Bishop John Emory and Patrick Henry, and with those of all the presidents of the institution, from its foundation to the present.

The Byars House is the College boarding-house and hotel. The building is entirely new, the old one having been burned about two years ago. It is of modern style, beautiful and convenient. It is kept by Mr. J. W. Maiden. By a special act of the Board of Trustees, no pupil is allowed to room in the Byars House; but its rooms are to be kept for hotel purposes, so that all persons coming to Emory may be assured of comfortable and convenient accommodations.

The halls of the Calliopean and Hermesian Literary Societies occupy the whole of the third floor of this building. These halls are finely finished and superbly furnished. They are beautified by the contributions of cultured taste and a liberal expenditure of means, so that they are unsurpassed, possibly unequaled, by any halls of similar use in the nation. Here these celebrated societies, under the guidance of a progressive leadership, and impelled by the stirring and ennobling memories of a half century, meet once every week for forensic discussions, and to use other means for literary cultivation and manly development.

The Sam W. Small Gymnasium is a large, octagonal building, named for the noted evangelist whose public spirit and liberality were the largest contributors. The building is constructed with reference to a double use, viz.: during the session, for bodily exercises, and at the close, as a public auditorium. Its seating capacity is about sixteen hundred.

The Wm. Morrow Science Hall is named in honor of that philanthropic, generous Christian gentleman, Dr. Wm. Morrow. It contains a Chemical Lecture-room, Chemical Laboratory, Physical Lecture-room, Cabinet of Minerals and Fossils, Apparatus Rooms, room for Chemical Calculus; also lecture tables, students' working-tables of the most approved modern patterns, gas chambers with ventilating flues, etc. The building is supplied with gas for heat and light. It furnishes excellent advantages for instruction, both theoretical and practical, in Chemistry, with opportunities for analysis, for determination of minerals, for assaying, for physical experiments, etc. It is built of brick, covered with metal shingles, and presents a handsome appearance in modern style.

The Campus contains twenty-three acres set in blue grass. At the east end is the famous spring, not to be forgotten by any one who has seen it, furnishing an abundant supply of the purest water.

Just without and encircling the Campus are the houses and grounds of the professors. To each professor's house there are attached five acres of rich limestone land.

The College is near the center of the College farm, which contains over five hundred acres.

LIBRARY.

In 1889 the Colliopean and Hermesian Literary Societies very generously donated their respective libraries to the College. This union of the three libraries has added to the efficiency of the Library as a whole, and it is believed that the good effects of this consolidation will be even more apparent in the future. The College Library, thus augmented numbers now about eight thousand volumes, among which are many rare and valuable books. The Library is at present open twice a week. It has been the

aim of the Faculty to secure a collection of books especially suited to the needs of college students. To this end new books are selected with great care. It is often well for the student to consult the Librarian as to the authors that treat subjects that he may wish to investigate; and, when asked to do so, the Librarian will gladly recommend a short course of reading.

Contributions should be sent to the Librarian, by whom all such donations will be promptly acknowledged. Duplicate copies of good books, new or well preserved, are always useful and acceptable.

This being a Government depository, the Library receives all the issues of the United States Government Press.

READINGS, CONCERTS AND LECTURES.

During the session there will be given in the Chapel a number of concerts, readings and lectures by the best talent that can be commanded. Such exercises have proved a source of great amusement and instruction to the students. It will be our aim to carry on and improve this line of work in the future.

LITERARY SOCIETIES.

The Calliopean and Hermesian Societies have a history coeval with that of the College. In their management and character they challenge comparison with those of any other institution in the land. Many of the young men now directing them are the sons of men who in other years were active members. We deem it a matter of very great importance to foster them and to protect them from all influences that would impair their usefulness or endanger their permanency. Hence our objections to secret fraternities of all sorts. As now conducted, the Societies furnish the finest opportunities for practice and improvement in forensic discussions, elocution and English composition.

Their halls are very commodious and well furnished. A monthly is published jointly by the Societies. It has thus far been conducted with singular prudence and success. Friends and former students of the College will materially aid and encourage the young men by subscribing for it. During the session a Public Debate is held by each Society. For dates of Public Debates, see Calendar.

SCHOLARSHIPS.

Through the liberality of LEON JOUROLMON, Esq., of Knoxville, Tenn., two scholarships have been established this year to stimulate the study of the English language, and to promote productive work in English.

These scholarships are worth one hundred dollars each to the successful contestants, and are awarded to no one who has not completed the prescribed course in English through the Sophomore year, and made a grade of ninety per cent. on the work required.

It is the purpose of Mr. Jourolmon to make these scholarships permanent if results and financial prosperity justify it.

PRIZE MEDALS.

1. For the encouragement of proficiency in Oratory there has been established, through the liberality of WYNDHAM ROBERTSON, Esq., a sufficient and permanent fund, of which the income, in the form of a gold medal, with expressive sentiments and emblems, is bestowed at each Annual Public Examination, upon the student in the Junior or Senior Class who excels in composition and declamation.

2. The Collins Prize for excellence in English Composition, founded by the late REV. CHARLES COLLINS, D.D., first President of the College, is to be awarded in the form of a gold medal.

3. To increase interest and promote scholarships in the

Natural Sciences, a gold medal is annually awarded to the student who attains the highest grade in this department. The medal is furnished from a permanent fund established by the late Col. WILLIAM BYARS.

Candidates for the prize in Natural Science must attain to a required standard of proficiency in Botany, Natural Philosophy, Geology, Mineralogy and Chemistry.

4. During the session '88-89, Col. FRANK E. WILLIAMS, a graduate of the College, donated a permanent fund, the income from which is to furnish a handsome medal for Declamation, to be awarded to the best declaimer in the Freshman and Sophomore Classes.

THE SOCIETY OF THE ALUMNI.

This Association, composed of all the graduates of the College and of such other former students as may be elected members at the annual meetings, now numbers nearly five hundred, and is an important and interesting feature in the history and work of the College. It has its representatives in all parts of our Southern and Western country, also in Mexico, South America, Japan and China. Its annual meetings, held in June of each year, have been occasions of great interest. From their number one is selected to address the Society annually. The fires of youthful enthusiasm are rekindled from a common altar as they meet to renew the memories of the past, and pledge to each other afresh the friendships begun in earlier days. In addition to these pleasing features, the object of the Society is to advance the interests of the College and promote letters and progress. The officers for the current year are :

President, JUDGE F. B. HUTTON, Abingdon, Va.

Vice-President, PROF. C. C. FISHER, Abingdon, Va.

Secretary, PROF. JAMES A. DAVIS, Emory, Va.

HONORS.

The following students, having attained the highest average grades, were appointed monitors for the session of 1893-94.

FALL TERM.

1. W. P. BUHRMAN, Va.	3. L. K. HAYNES, Va.
2. C. W. RANKIN, Tenn.	4. { J. A. MCGUIRE, W. M. CORNETT, } Va.

SPRING TERM.

1. L. H. CARLOCK, Tenn.	3. W. P. BURHMAN, Va.
2. C. W. RANKIN, Tenn.	4. C. G. HOUNSHELL, Va.

Calliopean Medalists, June, 1893,

DEBATER'S, A. S. THORNE, W. Va.

IMPROVEMENT IN DEBATE, H. B. FRAZIER, Va.

Hermesian Medalists, June, 1893,

DEBATER'S, H. A. COX, Va.

IMPROVEMENT IN DEBATE, C. G. ARMSTRONG, Tenn.

Wyndham Robertson Prize for Oratory.

R. N. PRICE, JR., Tenn.

Collins Prize for English Composition.

R. N. PRICE, JR., Tenn.

Frank E. Williams Prize for Declamation.

JOSEPH E. BAKER, Va.

William Byars Science Medal.

JAMES M. MILLER, Va.

First Honor in Senior Class.

JAMES M. MILLER, Va.

Second Honor in Senior Class.

R. K. SUTHERLAND, Va.

The Degree of Bachelor of Arts was conferred on :—

J. G. GRAHAM, Va.	EDWARD E. WILEY, Va.
R. B. MORGAN, Va.	R. K. SUTHERLAND, Va.
D. M. SANDERS, Va.	J. N. BOHANON, Mo.

(Pro Causa Honoris)

The Degree of Bachelor of Science was conferred on :—

EUGENE BLAKE, W. Va.	J. M. MILLER, Va.
H. A. COX, Va.	E. S. PYOTT, Va.
J. M. DICKEY, Va.	

The Degree of Master of Arts was conferred on :—

GEORGE A. COLE, Ark.	D. E. HAWK, Tenn.
GEORGE W. JACKSON, Tenn.	J. H. BISHOP, Tex.

The Degree of Doctor of Divinity was conferred on :—

REV. J. H. PRITCHETT, Mo.

LIST OF ALUMNI SINCE 1887.

Class of 1887.

EDMONDSON, WILLIAM J., Teacher, Glade Springs, Va.
 GIBSON, GEORGE M., Minister, Mo.
 JORDAN, T. ASHBY, Minister, Florida Conference.
 NEIGHBORS, WILLIAM S., Minister, Holston Conference.
 *SHUMATE, LEWIS M.
 SUSONG, J. ALEXANDER, Lawyer, Newport, Tenn.
 THOMAS, JOHN B., Professor of Mathematics, Sparta, S. C.

Class of 1888.

ANDERSON, ROBERT A., Teacher, Virginia.
 BROWN, STONEWALL J., Minister, Virginia Conference.
 MORISON, BENJAMIN R., Teacher, Tennessee.
 *NEWBILL, NATHANIEL G.
 RAMBO, THOMAS B., Glade Springs, Va.
 SILER, FRANK, Minister, Missouri Conference.
 SPENCE, WALTER, Minister, Holston Conference.

Class of 1889.

CARSON, ESTHENIUS V., Minister, Virginia Conference.
 FANT, JOHN C., Newton, Miss.
 HENDERSON, PLESENT L., Medical Student.
 HUMPHREYS, ROBERT E. L., Professor Centenary College, Cleveland, Tenn.
 OGLESBY, NICHOLAS P., Jr., Teacher, Virginia.

Class of 1890.

AMES, CHAS. B., Minister, Macon, Miss.
 BETTIS, ELBERT S., Minister, Holston Conference.
 BROWN, CHAS. A., Teacher, West Virginia.
 DANNENBAUM, HENRY, Lawyer, Seguin, Texas.
 FUGATE, HENRY W., Teacher, Virginia.
 *GILLESPIE, WILLIAM M.
 HAWK, D. EMORY, College Agent, Bristol, Tenn.
 SAYERS, ROBERT, Lawyer, Wytheville, Va.
 SAYERS, WILLIAM S., M.D., Virginia.
 STANLEY, WALTER L., Lawyer, Wytheville, Va.

* Deceased.

Class of 1891.

BISHOP, DAVID HORACE, Teacher, Albany, Mo.
FOUST, JAMES LEONIDAS, Lawyer, Chattanooga, Tenn.
HULL, DAVID DENTON, Jr., Lawyer, Pulaski, Va.
MILES, LOVICK PIERCE, Editor, Arkansas.
TAYLOR, JOHN WESLEY, Minister, Holston Conference.
WARMUTH, MITCHELL PEEBLES, M.D., Tennessee.

Class of 1892.

BUCHMAN, EDWARD KESLEY, Law student, Bristol, Tenn.
CROW, SAMUEL EDWARD, Minister, Washington.
GRAHAM, EMMET VANCE, Teacher, Virginia.
HALE, ELBERT WEBSTER, Lawyer, Princeton, W. Va.
JENNINGS, JOHN HAYWOOD, Teacher, Martin, Tenn.
NEAL, JOHN WITTEN, Clinton, Tenn.
PRICHETT, JOSEPH JOHNSTON, Teacher, Clarence, Mo.
SHANNON, CHAS. HENRY, Student, Vanderbilt University.
UMBARGER, WALTER LEE, Teacher, Bland C. H., Va.

Class of 1893.

COX, HARDIN ALEXANDER, Teacher, Virginia.
DICKEY, JOHN McMILLAN, Business Man, Texas.
GRAHAM, JOHN PATTON, Teacher, Louisiana.
MILLER, JAMES McTEER, Medical student.
MORGAN, RUFUS BROWN, Churchwood, Va.
PYOTT, EDWARD SPRING, Teacher, Church Hill, Tenn.
SANDERS, DANIEL MILLER, Teacher, Arkansas.
SOTHERLAND, ROBY KINSER, Theological student, Vanderbilt University.
WILEY, EDWARD EMERSON, Teacher, Emory, Va.

ENDOWMENTS.

The College has a few thousand dollars of productive endowments which is slowly increasing, and like all institutions of its grade, stands in need of much more than it has or is getting.

FORM OF LEGACY.

I give and bequeath to the Trustees of Emory and Henry College, at Emory, Virginia, the sum of dollars, for the benefit of said institution.

THE SEMI-CENTENNIAL CATALOGUE AND
HISTORICAL REGISTER.

This is a neatly printed and beautifully illustrated book of 160 pages, recently published, containing a history of the College from 1837 to 1887, embellished by an engraving of the grounds and twenty-four well-executed likenesses of the Trustees and Faculty. The book contains the names of more than four thousand students, with their present residences and occupations so far as known. Through no other medium can so much be learned of the capabilities of the Institution, the good it has already accomplished, and its claim to public confidence and patronage. This book should be in the hands of every man once a student here, for in it he will find much to remind him of college days and old associates. It is mailed to applicants at thirty cents per copy.

SCHHEME OF DAILY RECITATIONS

FALL TERM.

	8:00	8:40	9:20	10:00	10:20	11:00	11:40	12:20
Practical Arithmetic.	Mental Philosophy.	Natural Philosophy.		Mineralogy.	Junior Greek.	General Chemistry.		
Sophomore Latin.	Sophomore Greek.	Advanced German.		Trigonometry.	Geometry.	Freshman Latin.	Analytic Geometry.	
Physiology.	Freshman Latin.	Advanced French.		First German.	First French.	First Latin.	Freshman Greek.	
First Greek.	Elementary Algebra.	Sophomore English.		Second Latin.	Higher Algebra.	Junior English.	Evidence of Christianity.	
						English.	Calculus.	
						Geography.		

	8:00	8:40	9:20	10:00	10:20	11:00	11:40	12:20
Practical Arithmetic.	Moral Philosophy.	Natural Philosophy.		First German.	General Chemistry.			
Sophomore Latin.	Sophomore Greek.	Junior Greek.		Second Latin.	Advanced Chemistry.		Calculus.	
Botany.	Freshman Latin.	Geometry.		Astronomy.	Advanced German.		Freshman Latin.	
First Greek.	Elementary Algebra.	First French.		Surveying.	Advanced German.		Sophomore English.	
		Higher Algebra.		Outlines of History.	Advanced French.		First Latin.	
		Algebra.		Junior English.	Freshman English.		Junior English.	

The class in Analytical Chemistry will meet five times a week, from 2 to 4 P.M. Hours for the classes in Engineering will be arranged to suit the classes. In Physical Culture each class meets for forty minutes four times a week.

1894-CALENDAR-1895.

JAN.		1894.		JULY.		1894.		JAN.		1895.	
FEB.		SUN.		MON.		TUES.		WED.		THURS.	
MAR.		1		2		3		4		5	
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Emory, Va.
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LIBRARY
of the
UNIVERSITY of VIRGINIA



CATALOGUE

OF



EMORY AND HENRY
COLLEGE.

Aug 20 1899

THE FIFTY-EIGHTH
ANNUAL CATALOGUE

— OF —

Emory and Henry College,

EMORY, VIRGINIA,

WITH COURSES OF INSTRUCTION.

1894-'95.

KNOXVILLE, TENN.:
OGDEN BROS. & CO., PRINTERS AND STATIONERS,
1895.

CALENDAR, 1895-'96.

1895.

JUNE 9, 11:00 A. M.—Baccalaureate Sermon, by Rev. H. C. Morrison, D.D., Nashville, Tenn.

JUNE 9, 4:00 P. M.—Sermon before Y. M. C. A., by Rev. S. D. Long, Marion, Va.

JUNE 10, 2:00 P. M.—Annual Meeting of the Board of Trustees.

JUNE 10, 8:00 P. M.—Contest for the Williams' Medal for Declamation.

JUNE 11, 10:00 A. M.—Contest for the Robertson Prize Medal for Oratory.

JUNE 11, 11:00 A. M.—Annual Address before the Alumni Association, by Rev. Geo. R. Stewart, Cleveland, Tenn.

JUNE 11, 4:00 P. M.—Meeting of the Alumni Association.

JUNE 11, 8:00 P. M.—Anniversary Celebration of the Hermesian Literary Society.

JUNE 12, 10:00 A. M.—Commencement Day. Addresses by the Graduating Class; Conferring of Degrees and Award of Medals.

JUNE 12, 11:00 A. M.—Annual Address before the Calliopean and Hermesian Societies, by Judge Duke, of Charlottesville, Va.

JUNE 12, 8:00 P. M.—Anniversary Celebration of the Calliopean Literary Society.

SEPTEMBER 12 (Thursday), 9:00 A. M.—Beginning of the Next Session.

LAST SATURDAY IN OCTOBER.—Field Day for Athletic Sports.

NOVEMBER 16, 7:30 P. M.—Public Debate of the Hermesian Literary Society.

1896.

JANUARY 30.—Beginning of the Spring Term.

FIRST FRIDAY IN MAY.—Field Day for Athletic Sports.

APRIL 18, 7:30 P. M.—Public Debate of the Calliopean Literary Society.

JUNE 8-11.—Commencement.

FACULTY.

REV. R. G. WATERHOUSE, M.A., D.D......President.

(*Emory and Henry College.*)

Professor of Psychology and Ethics.

REV. EDMUND LONGLEY, M.A.,

(*Wesleyan University.*)

Professor Emeritus of Modern Languages.

REV. JAMES A. DAVIS, M.A.,

(*Emory and Henry College.*)

Professor Emeritus of Natural Sciences.

JAMES S. MILLER, C.E., D.Sc.,

(*University of Virginia, Gottingen, Germany.*)

Professor of Pure and Applied Mathematics.

JOSEPH L. JARMAN,

(*Graduate of University of Virginia.*)

Professor of Natural Sciences.

JESSEE T. LITTLETON, M.A.,

(*Randolph-Macon College.*)

Professor of Modern Languages.

CHARLES H. SHANNON, B.A.,

(*Emory and Henry College and Vanderbilt Univ.*)

Professor of Ancient Languages.

LACON H. CARLOCK, B.A.,

(*Emory and Henry College.*)

Inst. in Ancient Languages and English.

HENRY L. LYONS.....Instructor in Gymnasium.

PREPARATORY DEPARTMENT.

J. N. McCLURE.....Superintendent of Study Hall.

A. E. BUCHANAN.....Tutor in Languages.

C. H. S. HUMPHREYS.....Tutor in Mathematics.

C. W. CRAWFORD.....Tutor in English.

OFFICERS OF THE FACULTY.

RICHARD G. WATERHOUSE, Chairman.

J. T. LITTLETON, Secretary.

L. H. CARLOCK, Librarian.

BOARD OF TRUSTEES.

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CAPT. FRANK S. FINDLAY, . . .	Abingdon, Va.
GEN. JAMES S. GREEVER, . . .	Chilhowie, Va.
JUDGE JOHN A. BUCHANAN, . . .	Abingdon, Va.
REV. BENJAMIN W. S. BISHOP, . . .	Tazewell, Va.
REV. JAMES A. DAVIS, . . .	Emory, Va.
JUDGE H. H. INGERSOLL, . . .	Knoxville, Tenn.
CAPT. GEORGE GRAHAM, . . .	Moab, Va.
CAPT. D. D. HULL, . . .	Marion, Va.
REV. JAMES S. KENNEDY, D. D.,	Fountain City, Tenn.
REV. W. H. PRICE, . . .	Glade Springs, Va.
REV. GEORGE D. FRENCH, . . .	Abingdon, Va.
REV. KENNELLY C. ATKINS, . . .	St. Elmo, Tenn.
HON. JAMES D. JOHNSTON, . . .	Roanoke, Va.
COL. JOHN W. PAULETT, . . .	Knoxville, Tenn.
GEORGE E. PENN, Esq., . . .	Abingdon, Va.
COL. E. C. REEVES, . . .	Johnson City, Tenn.
J. S. APPERSON, M. D., . . .	Marion, Va.
REV. JOHN E. NAFF, . . .	Bramwell, W. Va.
REV. L. K. HAYNES, . . .	Tazewell, Va. ,
H. C. STUART, Esq., . . .	Elk Garden, Va.
CAPT. C. E. VAWTER, . . .	Crozet, Va.
REV. E. E. HOSS, D.D., . . .	Nashville, Tenn.
REV. RICHARD G. WATERHOUSE,	Emory, Va.
JOHN EARLY MOORE, Esq., . . .	Pulaski, Va.
HON. ALEXANDER ST. CLAIR,	Graham, Va.
REV. W. S. NEIGHBORS, . . .	Johnson City, Tenn.

OFFICERS OF THE BOARD.

GEORGE W. PALMER, Esq.,	President.
REV. RICHARD G. WATERHOUSE,	Treasurer.
GEORGE E. PENN,	Secretary.

EXECUTIVE COMMITTEE

R. G. WATERHOUSE,	Chairman.
JAMES A. DAVIS,	JAMES S. GREEVER,
GEORGE GRAHAM,	D. D. HULL.

CATALOGUE OF STUDENTS.

POST-GRADUATE CLASS.

CARLOCK, LACON HUBERT . . . Athens, Tenn.

SENIOR CLASS.

BUTLER, CHARLES ST. JOHN . . .	Bristol, Tenn.
HOUNSHELL, CHARLES GIDEON . . .	Rural Retreat, Va.
HOLLOWAY, THOMAS BASCOM . . .	Meridian, Miss.
HUMPHREYS, CHARLES H. S. . .	Salem, Va.
LAWSON, JAMES LEE . . .	Wytheville, Va.
MCCLURE, JOSEPH NEWTON . . .	Douglass, Va.
MCNEIL, GEORGE STEWART . . .	Bristol, Tenn.
WOLFE, JOSEPH EMANUEL . . .	Sevierville, Tenn.
YOUNG, JAMES WILEY . . .	Bastrop, Texas.

JUNIOR CLASS.

BAKER, CHARLES HOWARD . . .	Graham's Ford, Va.
BOGLE, GEORGE WILLIAM . . .	White Gate, Va.
BUCHANAN, ALBERT EDWARD . . .	Cruey, Va.
CECIL, EDWARD THOMAS . . .	Catlettsburg, Ky.
CECIL, KINZIE BERRY . . .	Catlettsburg, Ky.
CORNETT, WALTER MUNSEY . . .	Elk Creek, Va.
CRAWFORD, CURRY WALKER . . .	Williston, Tenn.
EDMONDSON, WILLIAM GRANT . . .	Meadowview, Va.
FRAZIER, JAMES TYLER, JR. . .	Radford, Va.
JACKSON, ERNEST ALONZO . . .	Abingdon, Va.
MC GUIRE, JOSEPH ALBERT . . .	Cedar Bluff, Va.
RICHARDSON, CLARENCE HENRY . . .	Church Hill, Tenn.
SAYERS, SAMUEL RUSH . . .	Wytheville, Va.
WARREN, MANLEY CLEMENT . . .	Buchanan, Ky.

SOPHOMORE CLASS.

EDMONSON, SAMUEL WEDING	Meadowview, Va.
HAMILTON, CURTIS EDWIN .	Abingdon, Va.
KENDRICK, GEORGE HENRY .	Meadowview, Va.
Neill, SAMUEL, JR. . .	Rogersville, Tenn.
ROBERTS, JOHN . . .	Broad Ford, Va.
RUSSELL, WILLIAM STEWART	Jacksboro, Tenn.
TAYLOR, JOHN WHITMAN .	Cleveland, Tenn.
VAUGHT, EDGAR SULLINS .	Alpha, Tenn.
WRIGHT, WILLIAM PRESTON	Marion, Va.

FRESHMAN CLASS.

BUHRMAN, FRANCIS MARVIN	Glade Springs, Va.
BURNS, WILLIAM ALLEN .	Chattanooga, Tenn.
CARRIGER, WESLEY CARROLL	Morristown, Tenn.
CARPENTER, CLARENCE M. .	Knoxville, Tenn.
CHIDDIX, SANDERS ELY .	Emory, Va.
COLLINS, DAVID ANDERSON .	Saltville, Va.
FARRES, CLIFFORD CLINTON	Abingdon, Va.
GARDNER, LAWRENCE CLAYTON	Newbern, Va.
GROSECLOSE, JAMES HENRY .	Burk's Garden, Va.
HOILMAN, CHARLES A. . .	Pearisburg, Va.
HULL, WYTHE MARVIN . .	Marion, Va.
HUGHES, STEVEN DAVIS .	Pulaski City, Va.
JOHNSON, JOHN FOOTE . .	Atlanta, Ga.
KINCAID, JOHN GALON . .	Stockville, Tenn.
KEESLING, WILLIAM S. . .	Cedar Spring, Va.
LUTTRELL, CHARLES SWAN .	Knoxville, Tenn.
LYONS, HENRY LOUIS . .	Knoxville, Tenn.
MCKIE, ROBERT EARLY . .	San Marcos, Texas.
NEAL, WILEY RANDOLF .	Rhea Springs, Tenn.
ORR, BENJAMIN FRANKLIN .	Jonesville, Va.
PAGE, WILLIAM REUBEN .	Bristol, Tenn.
PORTERFIELD, WILLIAM B. .	Glade Springs, Va.
PEERY, HARVEY GEORGE .	Tazewell, Va.
RHUDY, WILLIAM DUNGAN .	Elizabethton, Tenn.
SANDERS, JOHN LINT, JR. .	Chilhowie, Va.
STALEY, THOMAS FRANK .	Marion, Va.

SUB-FRESHMAN CLASS.

BLANKENBLECKLER, DAVID J.	St. Clairs, Bottom, Va.
BROWN, MARVIN HOLLOWMAN	Heathman, Miss.
CHIDDIX, JOHN . . .	Emory, Va.
HOLMES, EDGAR ANDERSON	Tannersville, Va.
HOLLOWMAN, JOHN HOLLIDAY	Meridian, Miss.
LILES, OSSIE H. . . .	Clinton, Tenn.
LILES, WILLIAM B. . .	Clinton, Tenn.
LONGLEY, EDMUND . .	Glade Springs, Va.
MC GUIRE, JAMES W. . .	Cedar Bluff, Va.
NEAL, WILLIAM OSCAR .	Asbery, Va.
O'REAR, ARTHUR THOMPSON	Glade Springs, Va.
PERRY, WILLIAM JAMES .	Peltier, Tenn.
RUSSELL, THOMAS POLK .	Jacksboro, Tenn.
SHELTON, JASPER NEWTON .	Raht, Tenn.
TARTER, JAMES FLEMING, .	Rural Retreat, Va.
WEATHERLY, OSSIE ALEXANDER	Blountville, Tenn.
WILEY, GARLAND SUMMERS	Emory, Va.

PREPARATORY CLASS.

ALLEN, BONA, JR. . . .	Buford, Ga.
BEATTIE, WILLIAM MADISON	Glade Springs, Va.
BEATTIE, THOMAS WILLIAM	Glade Springs, Va.
BOWYER, CLAUDE BERNARD .	Emory, Va.
CARRIGER, HERBERT MICHAEL	Emory, Va.
CUMMINGS, WALTER JOHN .	Wauhatchie, Tenn.
CUMMINGS, JAMES SEVIER .	Wauhatchie, Tenn.
DAVIS, ALEXANDER WILSON	Riner, Va.
KENDRICK, DELL	Meadowview, Va.
NEAL, FRANK H. . . .	Glade Springs, Va.
NELSON, WILLIAM FRANKLIN	Emory, Va.
PRICE, WALTER CROW . .	Glade Springs, Va.
SPARGER, WINSTON MERLIN	Bristol, Tenn.
SCOTT, DAVID MITCHELL .	Pulaski City, Va.
WILLIAMS, WALTER KELSO .	Richmond, Va.

SELECT CLASS.

BATES, J. WARREN	Glade Springs, Va.
HANNER, T. C. . . .	Meadowview, Va.

HAYNES, LEE KERNAN	Tazewell, Va.
HUDSON, T. R.	Johnson City, Tenn.
PYOTT, FRANK C.	Emory, Va.
ST. JOHN, JAMES	Watauga, Tenn.
WHITE, JOHN FLETCHER, JR.	Live Oak, Fla.
WORLEY, JAMES PARKS . . .	Bluff City, Tenn.
ZETROUER, EDWARD FAUST .	Rochelle, Fla.

SUMMARY.

Post-graduate	1	Freshman.....	26
Senior.....	9	Sub-Freshman.....	17
Junior.....	14	Preparatory.....	15
Sophomore.....	9	Select	9
Total			100

GENERAL STATEMENTS.

It is a well recognized fact that no fixed and rigid curriculum can be adapted to the varying requirements of different students, and the College therefore offers a variety of courses leading to the degrees of B. A., B. S., and M. A.

These courses differ chiefly in the relative importance assigned to Classics on the one hand, and to Modern Languages and Scientific Studies on the other.

The average student will find it greatly advantageous to enter one of these regular courses and pursue the studies in their natural order.

Classes meet five times a week: forty minutes is allowed to each recitation.

Requirements for Admission.

Students from other chartered institutions must bring a certificate of honorable dismission.

Applicants for admission to any of the College classes are required to give satisfactory evidence, by examination or otherwise, of their fitness therefor, and candidates for admission to an advanced class in any course for graduation are required to make up any deficiencies in subjects which precede the point of entrance. The importance of thorough and uniform preparation in elementary studies is urged upon all.

The requirements for admission to the Freshman

classes are briefly summarized by subjects as follows:

English.—A good knowledge of Grammar and of United States History.

Latin.—About three books of Cæsar or its equivalent, with exercises and Grammar such as may be gotten by the use of Collar and Daniel's Beginner's Latin.

Greek.—White's Beginner's Greek Book.

Mathematics.—The student should have had a thorough drill in the fundamental operations of Algebra, including some knowledge of the simpler forms of quadratic equations, and be well versed in the elements of Plane Geometry, including the original solution of exercises. Milne's or Venable's High School Algebra and the first three books of Wentworth's, Venable's or Wells' Plane Geometry are recommended for this work.

Science.—Physical Geography.

COLLEGIATE COURSES.

For the degrees of Bachelor of Arts and Master of Arts the following groups of studies are recommended:

I.

Freshman Year.

Fall Term.

Latin.
Greek.
Algebra.
Physiology.
English.

Spring Term.

Latin.
Greek.
Geometry.
English.

Sophomore Year.

Latin.	Latin.
Greek.	Greek.
Trigonometry.	Higher Algebra, Geometrical Analysis.
English.	English.

Junior Year.

Latin.	Latin.
Greek.	Greek.
Analytic Geometry.	Logic.
English.	English.

Senior Year.

Chemistry.	Chemistry.
Natural Philosophy.	Natural Philosophy.
Political Economy.	Astronomy.
Psychology.	Ethics.

Additional requirements for M.A., on above basis.

Senior Math.	Calculus.
Sen. English.	Sen. English.
Latin.	Latin.
Greek.	Greek.

II.

Freshman Year.

<i>Fall Term.</i>	<i>Spring Term.</i>
Latin.	Latin.
French.	French.
Algebra.	Geometry.
Physiology.	English.
English.	

Sophomore Year.

Latin.	Latin.
French and German.	French and German.
Trigonometry.	Higher Algebra,
English.	Geom. Analysis.

Junior Year.

Latin.	Latin.
German.	German.
Analytic Geometry.	Logic.
English.	English.

Senior Year.

Chemistry.	Chemistry.
Natural Philosophy.	Natural Philosophy.
Political Economy.	Astronomy.
Psychology.	Ethics.

For M A., on above basis.

An. Geom., Calculus.	Calculus.
Sen. English.	Sen. English.
French and German.	French and German.
Latin.	Latin.

III.

Freshman Year.

<i>Fall Term.</i>	<i>Spring Term.</i>
Latin.	Latin.
Algebra	Geometry.
Physiology.	Botany and Elementary Geology.
English.	English.

Sophomore Year.

Latin.	Higher Algebra, Geom. Analysis.
Trigonometry.	Latin.
German.	German.
English.	English.

Junior Year.

Latin.	Latin.
German.	German.
English.	English.
Natural Philosophy.	Natural Philosophy.

Senior Year.

Chemistry.	Chemistry.
Analytic Geometry.	Geology.
Political Economy.	Astronomy.
Psychology.	Logic.

For M. A. on above basis.

Calculus.	Calculus.
Advanced Physics.	Advanced Physics.
Sen. English.	Sen. English.
Latin and German.	Latin and German.

BACHELOR OF SCIENCE COURSE

Freshman Year.

<i>Fall Term.</i>	<i>Spring Term.</i>
English.	English.
French.	French.
Physiology.	Botany and Elementary Geology.
Algebra.	Geometry.

Sophomore Year.

French.	French.
German.	German.
English.	English.
Trigonometry.	Higher Algebra, Sur- veying.

Junior Year.

German.	German.
Analytical Geometry.	Astronomy.
Physics.	Physics.
Psychology.	Logic.

Senior Year.

General Chemistry.	General Chemistry.
Analytical Chemistry.	Analytical Chemistry.
Political Economy.	Geology.
Mineralogy.	Calculus.
Analytical Geometry, Calculus.	

In addition to the above studies, regular exercises are required in Declamation of all students except the Junior and Senior Classes, and these are required to deliver original orations in the Chapel before the Faculty and students.

The Departments and Methods.

PSYCHOLOGY AND ETHICS.

PRESIDENT WATERHOUSE.

The plan adopted in this department is a discreet combination of the recitation and the lecture. Pupils are required to make careful preparation upon the texts assigned for daily work. The subject matter of recitation is made the basis of the lecture, which contemplates the double purpose of inspiring original thought and of leading the pupil into the wider literature of the subject in hand.

TEXT BOOKS.—Moral Science; Principles of Ethics, Bowne; Mental Science; Elements of Psychology, by Noah K. Davis.

POLITICAL ECONOMY AND LOGIC.

These subjects are also assigned to the President, and have been given larger place in the schedule of studies. Less elementary text books than those used formerly have been selected as furnishing the basis of class work, and it is hoped to make the study of these sciences a source of much pleasure and profit to the pupil.

TEXT BOOKS.—Political Economy, Walker's; Deductive Logic, Noah K. Davis.

ENGLISH.

PROFESSOR LITTLETON AND MR. CARLOCK.

Attention is invited to the four years' course of English offered below. While the course is closely

connected and progressive, each years' work is fairly complete in itself. Hence the demands of those young men who can go to college only one, two or three years are met.

Each class has in view both the linguistic and the literary departments into which the collegiate study of English naturally divides itself. Accordingly, while a knowledge of the grammar, the rhetoric and the development of the English tongue are being acquired, both by drill in text books and by practice in composition, a personal acquaintance with some of the masters of English prose and verse is being made, not from text books upon literature, not by cramming the opinions of others; but by reading at first hand the authors themselves. Thus, during the formative period of college life, it is hoped that the taste for what is true and beautiful, uplifting and strengthening, in the foremost language of the world, will be so formed and cultivated, that it will, whatever be the course taken in after life, be productive of good.

Freshman Year.

The work of the Fall term will be a review of English Grammar, an introduction to Rhetoric, a study of the literature-producing periods of English history, parallel reading and weekly exercises in composition.

With the substitution of Grammatical Analysis for Grammar, the work of the Fall term will be continued through the Spring term.

TEXT BOOKS.—Meiklejohn's English Grammar; Genung's Outlines of Rhetoric; Green's Short History of the English People; Tom Brown's School Days; Scott's Tales of Chivalry and the Olden Time; Lamb's Tales from Shakespeare.

Sophomore Year.

Throughout the entire session the practical application of Rhetoric to literary work will be carefully studied. During the Fall term the literature of England will be studied in a condensed form, and will give place to a study of American literature in the Spring term. There will be in connection with the Rhetoric, throughout the session, fortnightly compositions upon assigned subjects.

TEXT BOOKS.—Genung's Practical Rhetoric; Genung's Rhetorical Analysis; Meiklejohn's English Literature; Hawthorne and Lemmon's American Literature; Tom Brown at Oxford; The Vicar of Wakefield; Irving's Sketch Book; Selections from Hawthorne and Longfellow.

Junior Year.

The Fall term will be devoted to the study of Anglo-Saxon, the origin and development of modern English, and to a critical study of the prose of Webster, Burke and Bacon. Parallel reading will be assigned from Dickens and George Elliot.

The study of Anglo-Saxon will continue through the Spring term. The drama and poetry will be the subject of the literature studies of this term. The following will be read, some in class and some as parallel: The Jew of Malta, The Alchemist, Philaster, The Two Noble Kinsmen, The Duchess of Malfi, The Merchant of Venice, or Julius Cæsar, Elaine and Locksley Hall, and Locksley Hall Sixty Years After. There will be monthly essays during the whole session. These will count as one-third of the year's work.

TEXT BOOKS.—Cook's First Book in Old English; Thayer's Best Elizabethan Plays; Shakespeare; Tennyson; Dickens; George Elliot; Bacon's Essays; Burke's Orations; Webster's Orations.

Senior Year.

This class was formed for those holding the English scholarships, for those seeking to win the Master's degree, and for all who care to pursue the study of English beyond the Junior year. Its character will, therefore, vary somewhat from year to year, according to the demands of the class. But, for the sake of those holding the scholarships, until there is a demand for more philological work, the course will be as outlined below.

Five times a week the classes will meet to discuss the work assigned. There will be in the Fall term a study of the best English prose as found in the writings of Macaulay, De Quincey, Carlyle and Ruskin. Parallel work will be assigned from Scott, Dickens and Mrs. Ward. On the first Friday in November an essay will be handed in on The English of the Authorized Version of the Gospels, and on the first Friday in January another on Civil Service in England and in the United States will be handed in.

During the Spring term Poetry will be the subject of study. To this end the class will read Hamlet and Macbeth; Prometheus Unbound; selections from Robert Browning, Tennyson and Milton. An essay on The Prologue of Chaucer will be handed in on the first Friday in March, and on the first Friday in May another on The Possibilities of a Modern Epic will be due. An original story or poem of sufficient merit may be substituted for either of the four essays required of this class.

ANCIENT LANGUAGES.

PROFESSOR SHANNON AND MR. CARLOCK.

Throughout the Freshman, Sophomore and Jun-

ior years, in both Greek and Latin, except the Spring term in the Junior Greek, one original written exercise is required each week. Each day there is a systematic and consecutive study of the grammar, except on exercise day. On this day during the Freshman year about half the recitation period is given to the histories of Greece and Rome and Classical Geography; during the Sophomore year to Mythology and Antiquities; during the Junior year to the History of the Literatures. Reading aloud in prose and practice in scanning is demanded. Some easy parallel reading is required of each class.

1.—Latin.

Freshman Year.—The class reads in the Fall term Nepos or Sallust, and in the Spring term Vergil. The forms are studied thoroughly, and likewise portions of the syntax, especially the cases.

Sophomore Year.—Cicero and Horace are read. The forms are reviewed and a more extended study of the syntax is made. In connection with Horace the metres are studied.

Junior Year.—Livy and Juvenal or Seneca are read. The forms are again scrupulously reviewed and the entire syntax is studied.

TEXT BOOKS.—Gildersleeve's Latin Grammar; Bennett's Second Latin Writer; of the authors mentioned above any good edition will answer the purpose; Allen's History of the Roman People; Guerber's Myths of Greece and Rome; Crutwell's Roman Literature; Wilkins' Roman Antiquities.

2.—Greek.

Freshman Year.—The class reads in the Fall term the Anabasis and Lucian's Dialogues of the Dead, and in the Spring term Lysias. The forms are

studied thoroughly, and likewise the coarse print of the syntax.

Sophomore Year.—Plato's *Apology* and *Crito* are read in the Fall term, and Homer's *Iliad* in the Spring term, with due attention to the Homeric dialect. The forms are reviewed and the entire syntax studied. Prosody is studied as far as required by a class in Homer.

Junior Year.—Demosthenes' *De Corona* is read in the Fall term, and in the Spring term about two tragedies of Euripides, with a careful study of the metres. The entire grammar is reviewed, both forms and syntax, and some study is made of word-formation.

TEXT BOOKS.—Goodwin's Greek Grammar (edition of 1892); Sedgwick's Greek Prose; of the authors mentioned above any good edition will answer the purpose; Fyffe's Greek History; Jebb's Greek Literature; Tozer's Classical Geography.

3.—Sanskrit.

Instruction will be given in Sanskrit if there is a demand for it.

TEXT BOOKS.—Perry's Sanskrit Primer; Whitney's Grammar; Lanman's Reader.

Requirements for M. A.

In both Greek and Latin the work will depend largely on the tastes and purposes of the individual student. In any case, however, a large amount of reading will be required, with grammatical work enough to ensure an appreciation of the peculiarities of the author, because it cannot safely be taken for granted, even at this stage of his advancement, that the student is ready to lay aside his grammar.

MODERN LANGUAGES.

PROFESSOR LITTLETON AND PROFESSOR LONGLEY.

French.

Freshman Year.—Bocher's Otto's Grammar to Syntax; Super's Reader; and in the Spring term, weekly exercises from Lyon and De Larpent's Primary French Translation Book.

Sophomore Year.—The grammar is completed. Weekly exercises. Selections from the standard authors, both of the classical and of the modern schools, are carefully read in the class-room.

A French literature is read as parallel.

In addition to the above, the candidates for the M. A. degree will prepare for examination selections from any of the following authors: Corneille, Racine, Moliere, George Sand, Lamartine, Alfred de Musset, Victor Hugo, or Daudet. Lectures upon the History of the Language.

TEXT BOOKS.—Bocher's Otto's Grammar; Super's Reader; Lyon and De Larpent's Primary French Translation Book; French Literature; Corneille; Racine; Moliere; George Sand; Alfred de Musset; Lamartine; Victor Hugo; Jules Verne; Daudet.

German.

Sophomore Year.—Joynes-Meissner's Grammar, Part I.

As soon as possible in the Fall, some simple prose, as Grimm's Tales, is read. These are followed by some selections from the many plays of the modern stage. In the Spring term there are weekly exercises from Harris' German Composition.

Junior Year.—Joynes-Meissner's Grammar completed.

Weekly exercises from Harris' German Composition continued. Selections from standard authors from Lessing to the modern school are carefully read. Conant's Primer of German Literature is read as parallel.

In addition to the above, the candidates for the M. A. degree will be examined upon the private readings assigned them from one or more of such authors as are usually read at college.

TEXT BOOKS.—Joynes-Meissner's Grammar; Harris' German Composition; Grimm's Maerchen; Selections from Modern Publications; Lessing; Schiller; Goethe, and Conant's Primer of German Literature.

MATHEMATICS.

PROFESSOR MILLER AND MR. CARLOCK.

For admission to the College course, the student should have a thorough knowledge of Elementary Algebra, embracing the simpler forms of quadratic equations and of the elements of Plane Geometry, including some practice in the solution of exercises.

In all classes especial emphasis is laid upon the solution of problems and exercises, both as a means of impressing principles on the mind and as tending to promote the development of accurate and independent thought. Accuracy of knowledge is first sought, and after this as wide an acquaintance with different branches of the subject as the limit of time will allow.

The classes are grouped as follows:

Freshman Year.—Higher Algebra, through Quadratic Equations and the Theory of Logarithms; Plane and Solid Geometry.

The classes in Geometry are so arranged that stu-

dents who have not studied the subject can enter the sub-Freshman class in the Fall and continue the study uninterrupted throughout the scholastic year.

TEXT BOOKS.—Wentworth's College Algebra; Wentworth's Geometry.

Sophomore Year.—Plane and Spherical Trigonometry, including practice in the use of logarithmic tables, with numerous applications to measurements of heights and distances, and the simpler problems of astronomy and navigation. (Five times a week during Fall term.)

Geometrical Analysis. General theorems are developed and applied to the solution of numerous exercises in Geometrical Construction. (Twice a week during Spring term.)

Higher Algebra, including Permutations, Combinations, Binomial Theorem, the elements of Determinants and of the Theory of Equations. (Three times a week during Spring Term.)

TEXT BOOKS.—Well's Essentials of Trigonometry; Wentworth's College Algebra; Venables' Geometrical Exercises; Notes.

Junior Year.—Analytical Geometry of two dimensions; Astronomy, Descriptive and Mathematical. The course is designed to give an accurate and well grounded conception of the fundamental facts, principles and methods of the science. For entrance to this class it is necessary that the student have a clear conception of the elements of Physics, and no one will be admitted who has not taken the class in General Physics, or its equivalent.

TEXT BOOKS.—Wentworth's Analytical Geometry; Young's General Astronomy.

Senior Year.—Analytical Geometry of three dimensions, Differential and Integral Calculus, with numerous applications to problems of Physics and Mechanics, and lectures on the History of Mathematics.

TEXT BOOKS.—Venable's Notes on Solid Geometry; Osborne's Differential and Integral Calculus.

Surveying.—Instruction in this subject, which includes Plane Surveying and Leveling, extends through the Spring Term and is furnished by text book, by lecture, and by associated field work. In the lecture room, the student is taught the general theory of Compass and Transit Surveying, and is well drilled in the solution of the fundamental problems arising in the practice of the same.

Especial prominence is given to the field work, and the student is made familiar with the use of the instruments in measuring and parting off areas, determining the length and azimuth of inaccessible lines, re-running old surveys, etc. For instruction in this subject the department is well equipped with fine instruments, including a vernier compass, a combined transit and level, with vertical arc and stadia wires, leveling rod, steel tapes, chains, etc.

The work is arranged to meet the wants of those students who desire a knowledge of the subject, merely as a branch of scientific education, and also of those who desire to become practical surveyors. The latter will be required to pursue a more extended course in drafting and map-making, and to this end will find it necessary to purchase drawing instruments and material costing from \$10.00 to \$15.00.

Students of the surveying class are charged \$1.00 for the use of instruments.

TEXT BOOKS.—Carhart's Surveying; Notes.

Advanced Mathematics.—Special classes for pursuing advanced work in Pure and Mixed Mathematics will be formed as there is demand for such. The subjects studied will be chosen to meet the wishes of the students.

Mathematical Physics.—(Temporarily transferred to this department.) This course assumes a knowledge of the general principles of Physics, and begins with a study of the Potential Function.

Following this is an elementary treatment of the mathematical theory of Electricity and Magnetism, with illustrative experiments and problems. The course closes with an account of recent developments of the subject, showing the transfer of electric energy by waves and the intimate connection between electro-magnetic and optical phenomena. To prosecute the studies of the class satisfactorily, the student should have a working knowledge of the simpler processes of the Differential and Integral Calculus.

TEXT BOOKS.—Pierce's Potential Function; Cumming's Theory of Electricity; Notes and Lectures.

NATURAL SCIENCES.

PROFESSOR JARMAN.

General Physics.

This class meets five times a week throughout the entire session.

The instruction is given by recitations from text books, illustrated by suitable experiments

In the Fall term the course consists of the discussion of the Laws of Motion, and Force and Energy as applied to Solids, Liquids and Gases. A

great many problems are given illustrating the practical application of the laws governing the science.

In the Spring term, Molecular Physics is discussed, Heat, Light, Sound and Electricity; while due prominence is given to principles, frequent reference is made to the applications of the science.

TEXT Book.—Olmstead's College Philosophy.

In addition to regular tuition fee, students pay one dollar per term for use of apparatus.

General Chemistry.

This course consists of five lectures a week throughout the entire session, and collateral reading in the text, the lectures being fully illustrated by suitable experiments.

In the Fall term the subject of Inorganic Chemistry is taken up, embracing the study of chemical nomenclature, the writing of chemical formulæ, the laws regulating combination of substances both by weight and volume, the history and description of the elementary substances, both non-metallic and metallic, with their compounds, and the Atomic Theory as it is at present viewed.

A great many chemical problems are given throughout the course, illustrating the laws governing the science.

In the Spring Term, Organic Chemistry is taken up and discussed in the order in which it is presented in Remsen's text-book, which is used in connection with lectures and experimental illustrations. In this course, the more common applications of Chemistry to the arts and manufactures are also alluded to. A short course in the history of Chemistry will be given.

Students in General Chemistry pay, in addition to regular tuition, a fee of \$2.50 per term.

The text-books for the above course are as follows:

FALL TERM.—Barker's Elementary Chemistry. Venable's History of Chemistry.

SPRING TERM.—Remsen's Organic Chemistry.

Experimental Chemistry.

The only way to learn Chemistry thoroughly is to study it in the laboratory, and in view of this fact a course in Experimental General Chemistry will be given, supplementary to the *regular* course.

By studying Chemistry in this way the class will gain an unusually good knowledge of the subject, as they will have an opportunity to make all of the experiments involved in the course. While this course is entirely optional, the students are strongly urged to take it. This class meets three times a week, from 2 to 4 P. M.

Analytical Chemistry.

The course consists of practical work done in the Laboratory, and extends through two years, the students being required to work at least ten hours a week throughout the course.

In the first year the subject of Inorganic Qualitative Analysis is treated fully, including Chemical Manipulation, Blow-pipe Analysis and Determination of Minerals, Qualitative Determinations being made of mixtures of Salts, Alloys, Minerals, etc.

In the second year the students are drilled in Quantitative Analysis, both gravimetric and volumetric. Complete Analyses of Ores, Minerals, Slags, Clays, Fertilizers, etc., are made, also con-

siderable work in Assaying. Blow-pipe Analysis and Qualitative Analysis are continued through the second year.

Students applying for the B.S. degree are required to take only the first-year course, the second-year course being given to those who desire to continue their work in this line.

Text-books for the above course are as follows:

FIRST YEAR.—Venable's Qualitative Analysis; Fresenius' Qualitative Analysis; Blow-pipe Analysis by Erni; Falls' Laboratory Manual.

REFERENCE BOOKS.—Roscoe and Schorlemmer's Treatise on Chemistry; Remsen's Advanced Chemistry; Prescott and Johnson's Qualitative Analysis; Smith and Richter's Inorganic Chemistry; Shepard's Chemistry; Elliott and Storer's General Chemistry.

SECOND YEAR.—Thorpe's Quantitative Analysis; Fresenius' Quantitative Analysis; Ricketts' Fire Assaying.

The William Morrow Science Hall consists of two stories. The first floor, consisting of five rooms, is devoted to chemistry purposes. The Laboratory is thoroughly equipped for instruction, being provided with every convenience for doing practical work, and exhibiting a complete series of experiments illustrating the lectures on General Chemistry. Contributions to the collection of minerals and ores will be thankfully received.

Arrangements made to analyze mineral waters, minerals, ores, furnace products, etc., at reasonable rates.

Mineralogy.

This subject is studied in the Fall term, and is taught by recitation from text books and by practical work done in the Laboratory. The Theoretical course embraces a brief study of Crystallography. The students become familiar with the

different forms by studying models which are furnished them, thus enabling them to recognize the simpler crystalline forms. The chemical and physical properties, mode of occurrence, etc., of the minerals are also made prominent. The Laboratory course embraces a study of Blow-pipe Analysis and Determinative Mineralogy. The Laboratory Class meets three times a week, from 2 to 4 P. M.

Text books for the above course are as follows: Dana's Manual of Mineralogy; Foye's Hand Book of Mineralogy.

Geology.

Geology is studied in the Spring term.

Dynamical, Structural and Historical Geology are taught in the order in which they are discussed in the ordinary text books, the chief aim being to drill the student in the theory of science.

TEXT BOOK.—Winchell's Geological Studies.

Physiology.

In this study the students acquire a knowledge of the properties and actions of the various organs of the human body in their normal condition, together with their functions. Anatomy is taught only so far as is essential to a clear understanding of the use and mode of working of each part of the body. This subject extends through the Fall term, and is illustrated with an excellent manikin.

TEXT BOOK.—Brand's Academic Physiology and Hygiene, and extensive Anatomical Charts.

Botany.

The study of Botany begins April 1st, and continues till the close of the session. Recitations daily. The course comprises the elements and principles of Descriptive and Systematic Botany.

The student is required to write a description of at least twenty plants, thus familiarizing himself with the terms used in describing flowers, and furnishing him with a clear knowledge of the plants dealt with. A large amount of analytical work is done, the class being provided with the more common plants, and taught how to determine their specific names. The student, after completing the course, will be enabled to analyze any of the ordinary plants in this section of the country.

TEXT BOOK.—Gray's Botany.

Charges per term for Laboratory courses:

	*Deposit for		
	Apparatus.	Material.	Tuition.
Analytic Chemistry	\$5 00	\$10 00	\$10 00
Experimental Chemistry.....	5 00	10 00	5 00
Determinative Mineralogy	2 50	5 00	

Students in General Chemistry taking experimental courses are not required to pay additional fee in General Chemistry.

Course of study in Natural Sciences:

Freshman Year—

FALL TERM.—Physiology.

SPRING TERM.—Botany and Elementary Geology.

Junior Year—

FALL TERM.—General Chemistry.

SPRING TERM.—General Chemistry, Geology.

Senior Year—

FALL TERM.—Analytical Chemistry, Mineralogy, General Physics.

SPRING TERM.—Analytical Chemistry, General Physics.

*Students are charged with only what apparatus they break; the balance is refunded them.

PREPARATORY DEPARTMENT.

This Department we have found essential to our work from the beginning. Among our best graduates are many who began with the studies of the first Preparatory year. In fact, except where the best advantages are given, it is greatly to the interests of a student to spend his Preparatory years with us. The course consists of two years as given below, and, while very beneficial in itself, it is especially planned for properly preparing the student for the Freshman class in College.

The Faculty would earnestly call the attention of both pupils and parents to the great importance of thorough drill in these elementary branches, whether they be pursued here or elsewhere. Many a boy's taste for books is lost, and his future as a scholar blighted, by undue and unwise haste to *advance* in the course. And, while a boy's ambition should be encouraged, the prime importance of thoroughness should be impressed upon him.

This Department during the past year has been furnished with a study hall and an instructor whose business it is to preside over the hall and aid the boys in the preparation of their lessons. The Faculty recognizes that students in the Preparatory Department, frequently in consequence of their youth, need the most careful oversight, and while solicitous and careful about the welfare of every student, endeavor to make these younger ones objects of their special care.

Those entering the first year are expected to be proficient in elementary English Grammar, Geography, and Arithmetic through Denominate Numbers, Common and Decimal Fractions. The following is the course for two years:

PREPARATORY COURSE.

First Year.

<i>Fall Term.</i>	<i>Spring Term.</i>
Latin Grammar.	Latin Grammar and Reading.
English Grammar.	Elementary Algebra.
Elementary Algebra.	Practical Arithmetic.
Practical Arithmetic.	English Grammar.
History of Virginia, Or- thography.	History of Virginia, Or- thography and Reading.

TEXT BOOKS.—Collar and Daniel's Latin Grammar; Southworth and Goddard's Elements of Composition and Grammar; Cook's History of Virginia; Venable's Practical Arithmetic; Milne or Venable's High School Algebra.

Second or Sub-Freshman Year.

<i>Fall Term.</i>	<i>Spring Term.</i>
Geometry.	Algebra.
Latin Grammar and Cæsar.	Latin Grammar and Cæsar.
English Grammar and Analysis.	English Grammar and Analysis.
U. S. History, Reading and Exercises.	U. S. History, Reading and Exercises.
Greek, Grammar.	Greek, Xenophon.
Physical Geography.	Physiography.

TEXT BOOKS.—Houston's Physical Geography; Thornton's Physiography; Wentworth's Geometry; Venable's Practical Arithmetic and Easy Algebra; Milne's High School Algebra; Whitney's Essentials of English Grammar; History of the United States; White's Beginner's Greek Book.

PHYSICAL CULTURE.

H. L. LYONS, INSTRUCTOR.

"A sound mind in a sound body."

After virtue, there is nothing upon which the happiness and usefulness of men so much depend as upon the conditions of the body. While this fact is well known to all intelligent and experienced persons, it is a matter of which the young are hurtfully and almost universally ignorant. One of the first aims, therefore, of this department will be to impart to the pupil a proper conception of the value and sacredness of the body as the home, the working place and the instrument of the spirit.

All pupils entering the College are expected to take such work in this department as their needs may demand, unless excused by the physician or the Faculty.

When necessary a physical examination will be given, and measurements and weights taken and recorded, so that the teacher may be prepared to modify the exercises to suit the special needs of pupils, and thereby build up the health and tone of each. There will be delivered at proper intervals lectures on Physiology and Hygienic Laws by physicians and other competent lecturers. All exercises will be under the supervision of the teacher, and individual instructions will be given when needed.

There will be four drills in the Gymnasium each week, the time for this work being from four to six o'clock in the afternoon. Students may also join the morning class, which meets for special work at half-past six.

There will be two field days for Athletic Sports during the season. The system of training used

is, in the main, that of Prof. D. L. Dowd, as taught by him in his school of physical culture in New York city. The system is strictly one of light weight exercises, thus avoiding all danger of strain or rupture.

The following is an outline scheme of the work done:

1. Breathing exercises. 2. Daily work with light dumb-bells. 3. Club swinging. 4. Practice with fencing sticks. 5. Body movements without weights. 6. Walking and running exercises. 7. Work with wall machines.

Special attention is given to the work on the wall machines, as it is believed that a more systematic development can be obtained from this exercise than from any other work in the Gymnasium.

To this will be added instructions on the Campus in foot-ball, base-ball and tennis.

The place for the indoor work of this department is the

SAM SMALL GYMNASIUM.

The building has capacity for seating sixteen hundred people. It is octagonal in shape, has five large doors, twenty double hung windows, and gable and dome ventilation, so that the air within is as fresh as that without, and yet the openings are so arranged as to prevent a draught.

The place for out-of-doors work is the celebrated

COLLEGE CAMPUS,

which embraces twenty-two acres of shaded and open lawn set in blue grass, and contains a bold and gushing spring of the best water known in this land of celebrated waters. The Campus, in addition to being a superb place for manly exer-

cises, is also a vision of beauty, which has an invigorating and refining effect upon all who drill within it.

There has been a marked physical improvement among the students during the present session both as to weight, strength and increase of lung power, and in general freedom from sickness, and it is confidently believed that each succeeding year will bring with it still better results.

The fee in the department of Physical Culture is \$2.50 per term of five months.

For the further promotion of Physical Culture, an Athletic Association has been organized, and under its auspices come the Field day contests referred to above. Suitable prizes for running, jumping, putting the shot, throwing the baseball, etc., are given to the successful contestants, and their record carefully preserved.

EXAMINATIONS.

In addition to the examinations at the daily recitations, special examinations are conducted in writing at or near the end of each term. These special written examinations cover the subjects gone over during the whole term, and are made fair, yet searching tests of the student's knowledge.

In the final valuation of grades, for all promotions, honors and diplomas, the class standing of students is taken into account, as kept from day to day by the different professors, and is valued at 25 per cent., while the written examinations at the end of each term is valued at 75 per cent., *i. e.*, out of possible 100, 25 points are for class-standing and 75 points for the written term examination.

In the report of grades, the values of the daily

recitations and written examination are considered together, and so recorded, and no separate valuation is announced.

The student is required to attain 70 per cent. of these combined examinations, as set forth above, in order to pass or graduate in any class. However, 50 per cent. will allow him to pass on from one class in the Collegiate Course to the next as a "conditioned" student, but in no case is he allowed to graduate in the Collegiate Course and secure his degree without attaining 70 per cent. in each and every class in the course.

All students are required to attend these written examinations, and if they cannot attain as much as 50 per cent., they are required to quit the class and enter a lower one. If they attain as much as 50 per cent., but fall below 70 per cent., they are permitted to advance, as stated above, being marked on the professor's record as "conditioned," and before graduating, are required to stand such examination over again with a subsequent class. Two examinations on the same subject will not be given in one session to the same student.

The student who is applying for graduation will not be required to stand an examination during the year or session in which he is applying, nearer to the close of another examination required of him than the space of seventy-two hours. The schedule of examinations will be arranged each year with this in view.

CERTIFICATES OF PROFICIENCY.

Certificates of Proficiency, under the seal of the College, are awarded publicly on Commencement Day to any student attaining an average of seventy

or more in all the English studies (Freshman English, Sophomore English and Junior English; see Course), and in any two of the following departments.

1. Latin.
2. Greek.
3. Modern Languages (French and German).
4. Mathematics.
5. Natural Sciences.

DEGREES.

The Degree of Bachelor of Science is conferred on those who complete, by attaining 70 per cent. of the value of the examinations, the studies enumerated in the course prescribed for this degree under the Courses of Instruction.

The Degree of Bachelor of Arts is conferred on those who complete, by attaining 70 per cent. of the value of the examinations, the studies enumerated in the course prescribed for this degree under the Courses of Instruction.

The Degree of Master of Arts is conferred on those who have secured the Bachelor of Arts Degree, and completed the additional studies required.

The Honorary Degrees of Doctor of Divinity, Doctor of Sacred Theology and Doctor of Laws are conferred upon suitable persons by a unanimous vote of the Faculty and Board of Trustees. The College has always been, in a marked degree, guarded in conferring these degrees.

EXPENSES.

FOR TERM OF TWENTY WEEKS.

Tuition in Regular Course.....	\$25 00
Contingent Fee	5 00
Library Fee.....	1 00

Washing at College Laundry.....	6	50
Steam Heating, two students to a room, each.....	6	00
Room Rent, two students to a room, each.....	5	00
Physical Culture Fee.....	2	50
Apparatus		50

Total College charges per term..... \$51 50

The above charges are payable in advance to the Treasurer of the College. This must be done, or a definite, satisfactory arrangement made with the Treasurer.

Table board can be had at prices ranging from \$7.50 to \$10.00 per month. Board with furnished room, fuel, light and service may be had at several private houses for \$15.00 per month. Reckoning board at \$7.50 the total cost to a student need not exceed \$176.00.

Students who occupy rooms in the College building provide their own furniture; this will cost on an average of \$6 to \$10 each. This furniture will last the careful student as long as he remains at College, and can be sold at a fair price when he leaves, if well preserved.

No student is allowed, except by special permission, to take more than four daily studies, and then he is charged \$5 for each extra study.

A student entering at any time within the first quarter of the term is charged with tuition of the whole term; if at any time within the second quarter, he is charged with three-fourths; but in no case with less than the tuition of half a term.

No deduction is made in the College charges if a student leaves before the close of the term, unless it be for sickness, and that with the advice and consent of the Faculty.

Funds remitted for the payment of bills should be directed to the Treasurer of the College. Parents and guardians are urgently advised that young men at college have very little need of pocket-money, and in general it would be safest for the student, cheapest for the parent or guardian, and best for the College, to commit the funds of the student to the President, or to one of the professors, who will attend to his wants and discharge his bills. Trouble in the matter of discipline often arises from the fact that some of the students are supplied too freely with money. The College charges, in all cases, are required to be satisfactorily settled before the student will be permitted to enter upon a second term. No student is allowed to graduate, nor will a certificate of honorable dismissal be given, till all arrearages are paid.

PRIVILEGED STUDENTS.

Tuition fees are remitted in the following cases:

1. Young men giving satisfactory evidence of their intention to preach and regularly licensed by their respective denominations.

2. The minor sons of ministers of any denomination engaged in the regular work of the ministry and dependent upon that for a support.

3. The minor sons of superannuated or deceased members of the Holston Conference M. E. Church, South.

Privileged students are expected to pay the Contingent and Library fees, room rent, and the charge for warming rooms occupied by them. In case of failure to meet these charges, the favor of free tuition will be withdrawn.

TERMS AND VACATIONS.

There are two terms in the year. The Fall term begins on the second Thursday in September. The Spring term begins on the Thursday before the first day of February. The scholastic year closes on Wednesday before the second Thursday in June. For closing exercises, see Calendar, page 3.

The time appropriated for vacation is believed to be ample for the purpose of relaxation from study; and in view of the unfavorable effect of all absences, either at the commencement or at any other period of the term, upon the standing and proficiency of the student, the Faculty earnestly request that the parents and guardians in no case encourage, or even sanction, such absences without very urgent reasons.

TEXT BOOKS.

Private parties have made arrangements to supply all needed text books and stationery at reasonable prices.

MONTHLY LETTERS.

At the close of each month a letter is addressed by the Faculty to the parents or guardian of each student, reporting his absence from the stated exercises, his general deportment and improvement, and any other information regarding him that seems proper to be given. To accomplish the object of these letters, it is hoped that the friends of the students will apply the encouragement or repression which the letter suggests.

GOVERNMENT.

The discipline of the College first proposes to the

student self-government as the highest style of government, and seeks to surround him with a social atmosphere toned with honor, purity and piety. The deportment enjoined for maintaining membership and good standing in the College is defined by the morality of the Bible, the proprieties of gentlemen, and the fitness of our positive rules. The daily assembly of our College community for family instruction and devotion has been found promotive of the *esprit du corps* and sympathy essential to harmony and good order; therefore all students are required to be present with the professors in Chapel at daily family worship, which consists in the reading of the Scripture, singing and prayer.

Students are prohibited, on penalty of dismissal, from having or using intoxicating liquors, or deadly weapons, and from organizing, or having active membership in, secret fraternities

RELIGIOUS SERVICES.

Rev. W. N. Wagner, Pastor, (1894-95).

Public worship is held in the Chapel twice on each Sabbath. At the morning services the pulpit is filled successively by the pastor, President Waterhouse, Dr. D. S. Hearon, and Prof. Edmund Longley. Attendance upon the morning service is required of all students, except such as have special permission to attend church elsewhere.

The evening services are conducted by the minister students. In these the young preachers find at once an excellent opportunity for gaining experience and of doing good to their fellow students. These occasions are enjoyable and edifying, and

although the attendance upon them is wholly voluntary, it is usually good.

THE SABBATH SCHOOL.

On Sunday morning, at 9:30 o'clock, the Sabbath School meets, under the superintendency of Prof. J. T. Littleton. This study is according to the schedule of the International Lesson Texts. The professors, assisted by some of the ladies of the community, do the teaching. The influence of the admirable work done here is visible in an enlarged knowledge of the word of God, and in the moral tone which pervades the life of the pupils. While attendance is voluntary, it is strongly urged. Parents may be of great assistance on this line, as the monthly reports show whether or not their sons attend.

Voluntary daily and weekly prayer meetings are found to contribute not a little to the cultivation of religious life among our young men.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

J. FOOTE JOHNSON, *Pres.* J. H. GROSECLOSE, *Sec.*

It is the aim of this organization to bring young men to Christ and to develop Christian manhood. Its methods are such as have been approved by the most experienced workers. Members of the State and International Committees make visits for the purpose of giving advice and encouragement, and delegates from the Association attend State Conventions, College and District Conferences, for the purpose of being spiritually strengthened and learning improved methods.

Voluntary services are held daily, except Saturdays, in the Association Hall. These meetings

consist of song, prayer, Bible readings, short talks, varying at the option of the leader. Wednesday nights have been set apart for public prayer meetings, which the people of the community are urgently invited to attend.

The young men conduct the meetings, and nearly all the members take part. Voluntary Bible classes also meet weekly under the leadership of the older members. President Waterhouse aided this work by a series of valuable lectures on the Gospels. A large map of St. Paul's travels affords an excellent aid in studying his life and labors.

Missionary meetings are held monthly, in which some mission field is the topic, and its most important features are discussed by previously appointed speakers, who have access to an excellent missionary library.

Lectures are delivered before the Association by prominent Christian speakers. This year these lectures were delivered by Rev. D. S. Hearon, Rev. A. B. Hunter, Mr. J. L. Marshall, Rev. J. C. C. Newton, Prof. Littleton and others.

READING ROOM.

The Association conducts and supervises the student's Reading Room. A large well-lighted room has been set apart for this purpose and is liberally supplied with the best periodical literature.

It is open to all members of the College on the payment of a fee of \$1.00, partially to defray its expenses.

All students are strongly urged to avail themselves of its manifest advantages.

The work of the various officers and committees, as well as religious work in the community and

personal work among the student, affords invaluable training for young Christians.

New students will have a warm reception in our new and beautiful audience-room at the William Morrow Science Hall. Sectarianism is not known in the Y. M. C. A. movement. The president and secretary invite the correspondence of any who contemplate entering College.

LOCATION.

We desire to call special attention to our location.

HEALTHFULNESS.—Retired and beautiful valley, twenty-one hundred feet above the level of the sea, with mountains abounding in mineral water, with a climate greatly sought after by persons from the malarial sections, never yet invaded by miasmic or pestilential diseases.

FREEDOM FROM TEMPTATIONS.—The College owns the land for nearly a mile around it, and no one, not even a servant, may come upon the grounds unless adjudged to be a suitable person by the Faculty.

The sale of intoxicating liquors is prohibited now by law in the counties of southwest Virginia.

ACCESSIBILITY.—The Norfolk and Western Railroad, a part of the great trunk line from the South to the North and East, passes through the College farm, and has a depot on the grounds. Persons coming from the South and Southwest should buy through tickets to Bristol, Tenn., and local tickets from there to Emory.

Emory, Va., is the name of the post-office, railroad, and express station. It is a money-order office.

There is a telegraph station at Meadow View, two miles distant.

BUILDINGS AND GROUNDS.

The main College building, which is a commodious brick edifice of the classic mould of its day, one hundred and fifty by forty-five feet, four stories high, is situated upon a commanding eminence in the Campus. It contains the Treasurer's office, six large lecture-rooms, and forty rooms for students. In the center of this building, on the second floor, is the Chapel, which seats comfortably three hundred persons. This room has been recently furnished with handsome cabinet seats and beautifully papered. It is adorned with two brass memorial tablets, one in memory of the first President, Rev. Charles Collins, D.D., the other in memory of those chivalrous spirits who went from our midst and fell on the field of battle; and especially those illustrious alumni, Gen. J. E. B. Stuart and Gen. Wm. E. Jones. The walls are hung with large portraits of the patron saints, Bishop John Emory and Patrick Henry, and with those of all the presidents of the institution, from its foundation to the present.

The Byars House is the College boarding-house and hotel. The building is entirely new, the old one having been burned about two years ago. It is of modern style, beautiful and convenient. It is kept by Mr. J. W. Maiden. By a special act of the Board of Trustees, no pupil is allowed to room in the Byars House; but its rooms are to be kept for hotel purposes, so that all persons coming to Emory may be assured of comfortable and convenient accommodations.

The halls of the Calliopean and Hermesian Literary Societies occupy the whole of the third floor of this building. These halls are finely finished and superbly furnished. They are beautified by the contributions of cultured taste and a liberal expenditure of means, so that they are unsurpassed, possibly unequaled, by any halls of similar use in the nation. Here these celebrated societies, under the guidance of a progressive leadership, and impelled by the stirring and ennobling memories of a half century, meet once every week for forensic discussions, and to use other means for literary cultivation and manly development.

The Sam W. Small Gymnasium is a large, octagonal building, named for the noted evangelist whose public spirit and liberality were the largest contributors. The building is constructed with reference to a double use, viz.: during the session, for bodily exercises, and at the close, as a public auditorium. Its seating capacity is about sixteen hundred.

The Wm. Morrow Science Hall is named in honor of that philanthropic, generous Christian gentleman, Dr. Wm. Morrow. It contains a Chemical Lecture-room, Chemical Laboratory, Physical Lecture-room, Cabinet of Minerals and Fossils, Apparatus Rooms, room for Chemical Calculus; also lecture tables, students' working-tables of the most approved modern patterns, gas chambers with ventilating flues, etc. The building is supplied with gas for heat and light. It furnishes excellent advantages for instruction, both theoretical and practical, in Chemistry, with opportunities for analysis, for determination of minerals, for assaying, for

physical experiments, etc. It is built of brick, covered with metal shingles, and presents a handsome appearance in modern style.

The Campus contains twenty-three acres set in blue grass. At the east end is the famous spring, not to be forgotten by any one who has seen it, furnishing an abundant supply of the purest water.

Just without and encircling the Campus are the houses and grounds of the professors. To each professor's house there are attached five acres of rich limestone land.

The College is near the center of the College farm, which contains over five hundred acres.

LIBRARY.

In 1889 the Calliopean and Hermesian Literary Societies very generously donated their respective libraries to the College. This union of the three libraries has added to the efficiency of the Library as a whole, and it is believed that the good effects of this consolidation will be even more apparent in the future. The College Library, thus augmented, numbers now about eight thousand volumes, among which are many rare and valuable books. The Library is at present open twice a week. It has been the aim of the Faculty to secure a collection of books especially suited to the needs of the college students. To this end new books are selected with great care. It is often well for the student to consult the Librarian as to the authors that treat subjects that he may wish to investigate; and, when asked to do so, the Librarian will gladly recommend a short course of reading.

Contributions should be sent to the Librarian, by whom all such donations will be promptly ac-

knowledged. Duplicate copies of good books, new or well preserved, are always useful and acceptable.

This being a Government depository, the Library receives all the issues of the United States Government Press.

READINGS, CONCERTS AND LECTURES.

During the session there will be given in the Chapel a number of concerts, readings and lectures by the best talent that can be commanded. Such exercises have proved a source of great amusement and instruction to the students. It will be our aim to carry on and improve this line of work in the future.

LITERARY SOCIETIES.

The Calliopean and Hermesian Societies have a history coeval with that of the College. In their management and character they challenge comparison with those of any other institution in the land. Many of the young men now directing them are the sons of men who in other years were active members. We deem it a matter of very great importance to foster them and to protect them from all influences that would impair their usefulness or endanger their permanency. Hence our objections to secret fraternities of all sorts. As now conducted, the Societies furnish the finest opportunities for practice and improvement in forensic discussions, elocution and English composition. Their halls are very commodious and well furnished. A monthly is published jointly by the Societies. It has thus far been conducted with singular prudence and success. Friends and former students of the College will materially aid and en-

courage the young men by subscribing for it. During the session a Public Debate is held by each Society. For dates of Public Debates, see Calendar.

SCHOLARSHIPS.

Through the liberality of LEON JOUROLMON, Esq., of Knoxville, Tenn., two scholarships have been established to stimulate the study of the English language, and to promote productive work in English.

These scholarships are worth one hundred dollars each to the successful contestants, and are awarded to no one who has not completed the prescribed course in English through the Sophomore year, and made a grade of ninety per cent. on the work required.

It is the purpose of Mr. Jourolmon to make these scholarships permanent if results and financial prosperity justify it.

PRIZE MEDALS.

1. For the encouragement of proficiency in Oratory there has been established, through the liberality of WYNDHAM ROBERTSON, Esq., a sufficient and permanent fund, of which the income, in the form of a gold medal, with expressive sentiments and emblems, is bestowed at each Annual Commencement, upon the students in the Junior or Senior Class who excel in composition and oratory.

2. The Collins Prize for excellence in English Composition, founded by the late REV. CHARLES COLLINS, D. D., first President of the College, is to be awarded in the form of a gold medal.

3. To increase interest and promote scholarships in the Natural Sciences, a gold medal is annually awarded to the student who attains the highest grade in this department. The medal is furnished from a permanent fund established by the late Col. WILLIAM BYARS.

Candidates for the prize in Natural Science must attain to a required standard of proficiency in Botany, Natural Philosophy, Geology, Mineralogy and Chemistry.

4. During the session '88-'89, Col. FRANK E. WILLIAMS, a graduate of the College, donated a permanent fund, the income from which is to furnish a handsome medal for Declamation, to be awarded to the best declaimer in the Freshman and Sophomore classes.

THE SOCIETY OF THE ALUMNI.

This Association, composed of all the graduates of the College and of such other former students as may be elected members at the annual meetings, now numbers nearly five hundred, and is an important and interesting feature in the history and work of the College. It has its representatives in all parts of our Southern and Western country, also in Mexico, South America, Japan and China. Its annual meetings, held in June of each year, have been occasions of great interest. From their number one is selected to address the Society annually. The fires of youthful enthusiasm are rekindled from a common altar as they meet to renew the memories of the past, and pledge to each other afresh the friendships begun in earlier days. In addition to these pleasing features, the object of the Society is to advance the interests of the Col-

lege and promote letters and progress. The officers for the present year are:

President, REV. W. S. NEIGHBORS, Johnson City, Tenn.

Vice-President, _____, Abingdon, Va.

Secretary, PROF. JAMES A. DAVIS, Emory, Va.

HONORS.

The following students, having attained the highest average grades, were appointed monitors for the session of 1894-'95.

FALL TERM.

1. J. N. MCCLURE.	3. C. S. BUTLER
2. G. S. WILEY.	4. C. H. S. HUMPHREYS.

SPRING TERM.

1. W. C. CARRIGER.	3. J. N. MCCLURE.
2. C. G. HOUNSHELL.	4. H. L. LYONS.

HONORS CONFERRED JUNE, 1894.

First Honor in Senior Class.

C. W. RANKIN, TENN.

Second Honor in Senior Class.

G. C. PEERY, VA.

Wyndham Robertson Prize for Oratory.

G. C. PEERY, VA.

Collins Prize for English Composition.

L. H. CARLOCK, TENN.

Frank E. Williams Prize for Declamation.

C. W. CRAWFORD, TENN.

William Byars Science Medal.

GEO. C. PEERY, VA.

Leon Fourolmon English Scholarships.

L. H. CARLOCK, TENN.

C. W. CRAWFORD, TENN.

Calliopean Medalists, June, 1894.

DEBATER—J. H. HATCHER, VA.,

IMPROVEMENT IN DEBATE—M. C. WARREN, KY.

Hermesian Medalists, June, 1894.

DEBATER—J. M. TERRELL, N. C.

IMPROVEMENT IN DEBATE—S. E. CHIDDIX, VA.

The Degree of Bachelor of Arts was conferred on:—

L. H. CARLOCK, Tenn. C. W. RANKIN, Tenn.

C. T. DAVIS, Tenn. J. M. ROBESON, Tenn.

W. M. MORRELL, Tenn. J. M. TERRELL, N. C.

R. N. PRICE, Tenn.

The Degree of Bachelor of Science was conferred on:—

G. C. PEERY, Va. H. F. SLOAN, Ark.

LIST OF ALUMNI SINCE 1887.

Class of 1887.

EDMONDSON, WILLIAM J., Teacher, Glade Springs, Va.
GIBSON, GEORGE M., Minister, Mo.
JORDAN, T. ASHBY, Minister, Florida Conference.
NEIGHBORS, WILLIAM S., Minister, Holston Conference.
*SHUMATE, LEWIS M.
SUSONG, J. ALEXANDER, Lawyer, Newport, Tenn.
THOMAS, JOHN B., Prof. of Mathematics, Sparta, S. C.

Class of 1888.

ANDERSON, ROBERT A., Teacher, Virginia.
BROWN, STONEWALL, J., Minister, N. W. Mo. Conference
MORRISON, BENJAMIN R., Teacher, Tennessee.
*NEWBILL, NATHANIEL G.
RAMBO, THOMAS B., Glade Springs, Va.
SILER, FRANK, Minister, Missouri Conference.
SPENCE, WALTER, Minister, Conference.

Class of 1889.

CARSON, ESTHENIUS V., Minister, Virginia Conference.
FANT, JOHN C., Newton, Miss.
HENDERSON, PLESENT L., Physician.
HUMPHREYS, ROBERT E. L., Professor Centenary College, Cleveland, Tenn.
OGLESBY, NICHOLAS P., Jr., Teacher, Virginia.

Class of 1890.

AMES, CHAS. B., Minister, Macon, Miss.
BETTIS, ELBERT S., Minister, Holston Conference.
BROWN, CHAS. A., Teacher, West Virginia.
DANNENBAUM, HENRY, Lawyer, Seguin, Texas.
FUGATE, HENRY W., Teacher, Virginia.
*GILLESPIE, WILLIAM M.
HAWK, D. EMORY, Minister, Holston Conference.
SAYERS, ROBERT, Lawyer, Wytheville, Va.
SAYERS, WILLIAM S., M. D., Virginia.
STANLEY, WALTER L., Lawyer, Wytheville, Va.

* Deceased.

Class of 1891.

BISHOP, DAVID HORACE, Teacher, Albany, Mo.
FOUST, JAMES LEONIDAS, Lawyer, Chattanooga, Tenn.
HULL, DAVID DENTON, Jr., Lawyer, Pulaski, Va.
MILES, LOVICK PIERCE, Editor, Arkansas.
TAYLOR, JOHN WESLEY, Minister, Holston Conference
WARMUTH, MITCHELL PEEBLES, M. D., Tennessee.

Class of 1892.

BACHMAN, EDWARD KESLEY, Lawyer, Bristol, Tenn.
CROW, SAMUEL EDWARD, Minister, Washington.
GRAHAM, EMMET VANCE, Teacher, Virginia.
HALE, ELBERT WEBSTER, Lawyer, Princeton, W. Va.
JENNINGS, JOHN HAYWOOD, Teacher, Martin, Tenn.
NEAL, JOHN WITTEN, Clinton, Tenn.
PRITCHETT, JOSEPH JOHNSTON, Teacher, Clarence, Mo.
SHANNON, CHARLES HENRY, Professor, Emory and
Henry College.
UMBARGER, WALTER LEE, Teacher, Bland C. H., Va.

Class of 1893.

COX, HARDIN ALEXANDER, Law Student, U. of Va.
DICKEY, JOHN McMILLAN, Business Man, Texas.
GRAHAM, JOHN PATTON, Teacher, Louisiana.
MILLER, JAMES MCTEER, Medical Student.
MORGAN, RUFUS BROWN, Churchwood, Va.
PYOTT, EDWARD SPRING.
SANDERS, DANIEL MILLER, Teacher, Arkansas.
SOTHERLAND, ROBY KINSER, Theological Student, Van-
derbilt University.
WILEY, EDWARD EMERSON, Law Student, U. of Va.

Class of 1894.

CARLOCK, LACON HUBERT, Teacher and Student, Va.
DAVIS, CHARLES THOMAS, Teacher, Tennessee.
MORRELL, MURPHY WHEELER, Minister, Holston Con-
ference.
PEERY, GEORGE CAMPBELL, Teacher, Virginia.
PRICE, RICHARD NOEL, Teacher, Tennessee.
RANKIN, CHARLES WRIGHT, Teacher, Tennessee.
ROBESON, JAMES MARVIN.
SLOAN, HOMER FERGUS, Business Man, Arkansas.
TERRELL, JAMES MILAS.

ENDOWMENTS.

The College has a few thousand dollars of productive endowments which is slowly increasing, and like all institutions of its grade, stands in need of much more than it has or is getting.

FORM OF LEGACY.

I give and bequeath to the Trustees of Emory and Henry College, at Emory, Virginia, the sum of dollars, for the benefit of said institution.

THE SEMI-CENTENNIAL CATALOGUE AND
HISTORICAL REGISTER.

This is a neatly printed and beautifully illustrated book of 160 pages, recently published, containing a history of the College from 1837 to 1887, embellished by an engraving of the grounds and twenty-four well executed likenesses of the Trustees and Faculty. The book contains the names of more than four thousand students, with their present residences and occupations so far as known. Through no other medium can so much be learned of the capabilities of the Institution, the good it has already accomplished, and its claim to public confidence and patronage. This book should be in the hands of every man once a student here, for in it he will find much to remind him of college days and old associates. It is mailed to applicants at thirty cents per copy.

SCHEME OF DAILY RECITATIONS.

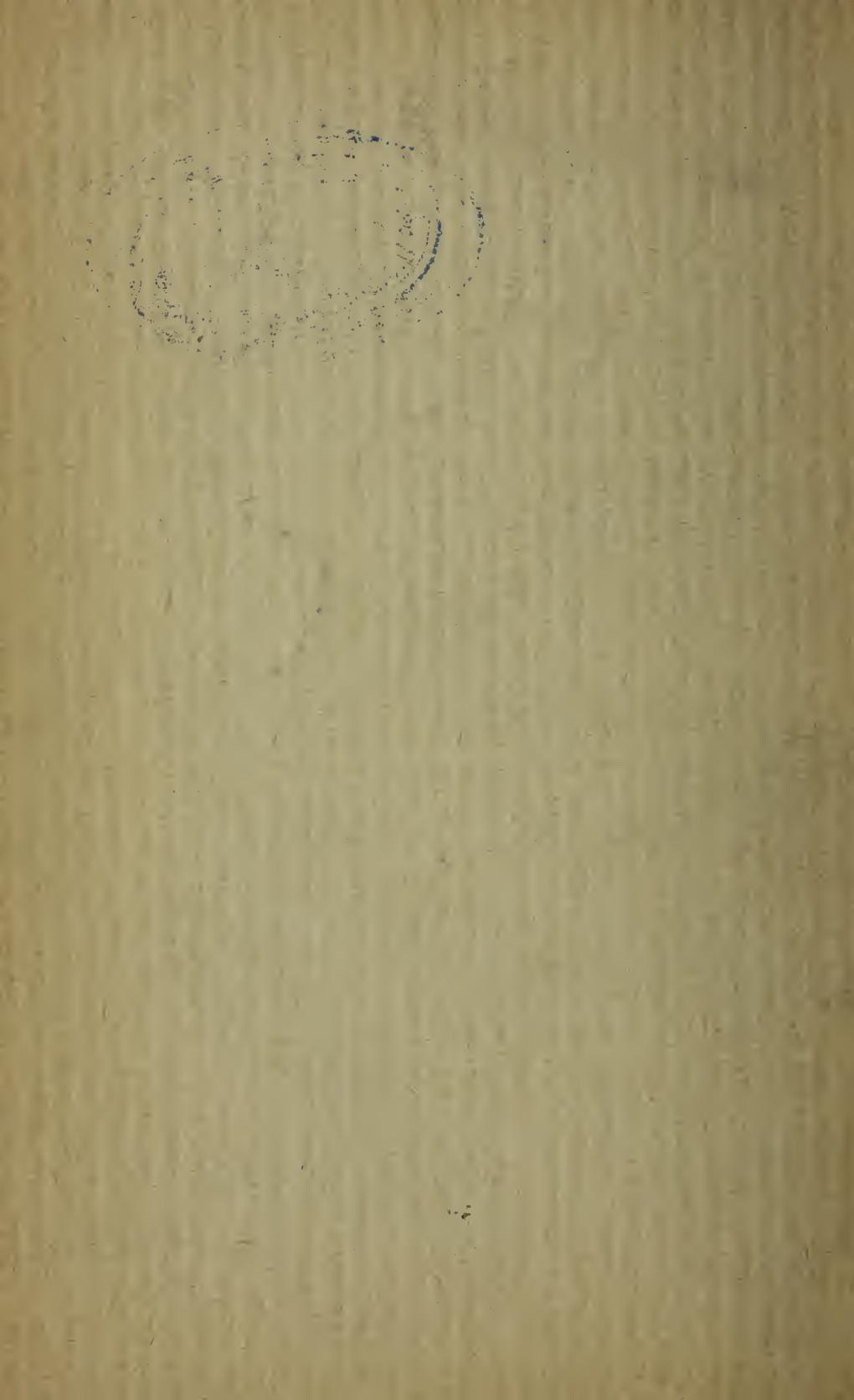
FALL TERM.

	8:00	8:40	9:20	10:00	10:20	11:00	11:40	12:20
Senior Mathematics.	Geometry.	Trigonometry.	Algebra.	Arithmetic.	Analytical	Junior Latin.	Sophomore	Junior Latin.
Sophomore English.	Junior Greek.	First Latin.	Sophomore Latin.	Freshman Latin.	Geometry.	Second Latin.	German.	Sophomore
First Preparatory English.	Junior German.	Freshman Greek.	First Greek.	Junior English.	Latin.	Latin.	German.	German.
First Preparatory English.	Political Economy.	Freshman French.	Senior English.	Chemistry.	Sophomore	Sophomore	Freshman	Freshman
Physiology.	Physics.	Prayers.	Psychology.	Physical Geography.	Greek.	Greek.	English.	English.
					Sub-Freshman	Sub-Freshman	Sub-Freshman	Sub-Freshman
					French.	French.	French.	French.
					Mineralogy.	Mineralogy.	Mineralogy.	Mineralogy.
					First Algebra.	First Algebra.	First Algebra.	First Algebra.

SPRING TERM.

	8:00	8:40	9:20	10:00	10:20	11:00	11:40	12:20
Senior Mathematics.	Algebra.	Algebra and Geometry.	Sophomore Latin.	Freshman Latin.	Arithmetic.	Junior Latin.	Sophomore	Junior Latin.
Sophomore English.	Junior Greek.	Geometry.	First Latin.	Latin.	Freshman	Second Latin.	German.	Sophomore
First Preparatory English.	Junior German.	Freshman Greek.	First Greek.	Junior English.	Latin.	Latin.	German.	German.
First Preparatory English.	Logic.	Freshman French.	Senior English.	Chemistry.	Sophomore	Sophomore	Freshman	Freshman
Botany and Elementry Geology.		Physics.	Ethics.	Physiography.	Greek.	Greek.	English.	English.
					French.	French.	French.	French.
					Geology.	Geology.	Geology.	Geology.
					First Algebra.	First Algebra.	First Algebra.	First Algebra.

The class in Analytical Chemistry will meet five times a week from 2 to 4 P. M. In Physical Culture each class meets for 40 minutes four times each week.



UNIVERSITY OF ILLINOIS-URBANA



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